

# THE KANSAS INDUSTRIALIST

Volume 49

Kansas State Agricultural College, Manhattan, Wednesday, September 20, 1922

Number 1

## SQUAD OF 45 IS OUT

**BACHMAN AND ASSISTANTS SIZE UP FOOTBALL MATERIAL**

**Must Whip Machine into Shape for Opening Game With Washburn Here Saturday, October 7—Veterans Missed**

### THE SCHEDULE

October 7—Washburn at Manhattan.  
October 14—Washington at St. Louis.  
October 21—Oklahoma at Norman.  
October 28—Kansas at Manhattan (Homecoming).  
November 4—Missouri at Columbia.  
November 11—Ames at Manhattan.  
November 18—Nebraska at Lincoln.  
November 30—Texas Christian university at Manhattan.

The Aggie football team, like the "Manhattan section" of the stadium is now under course of construction. The foundation is laid, material is on hand, and substantial progress is being made. But beyond that, considerable room for speculation is allowed.

Several stars left school never to return, last year. Captain Cleland, Winter, Schmitz, and Stauffer will be missed. Huston was expected back to bolster up the left side of the Aggie line, but he didn't show up for registration. The Aggies must depend upon new material for center. The team is handicapped for space, sharing the formerly adequate athletic field with the stadium contractor who has sprawled his material, necessarily, over about two thirds of the field. The squad is still using the old field.

### FIRST GAME OCTOBER 7

With only two weeks to whip his team into shape for Washburn here October 7, Head Coach Bachman and his assistant coaches, Captain Jackson, Doctor Muldoon, Doctor Holtz, and Ted Curtiss, are pushing the squad of 45 eligibles to the limit of their endurance.

The layout, as a fan sees it, is indicated by the following:

Tom Sebring, Gardner, right end, is a good, consistent football player with two years of experience, a candidate who should have little trouble in obtaining and holding his position, though Arthur Doolan and Earl Manker of Manhattan and S. P. Gatz of McPherson, from last year's Frosh, are working hard to oust him.

At left end, H. G. Webber, Dodge City, looks most promising. Webber substituted last year. Lyle Munn, Norton; C. E. Minner, Soldier; Harold Gillman, Salina; and J. F. Gartner, Manhattan, are the other candidates for this position.

### TEAM'S SORE SPOT

For left tackle, James Ewing, Iola; L. M. Leiter, Protection; J. W. Ballard, Almena; and Joe Quinn, Wichita, all from last year's freshman squad are out. This may be a sore spot on the team, for there is no veteran out for the position.

R. M. Nichols, through his wonderful charging offensive and his staunch defensive, won a letter last year. Nick is from Osage City and will be back in the line this year unless J. E. Franz, Manhattan, H. J. Staib, Turon, or John Henry, Glasco, beat him out.

### "RUSSIAN" HAS COMPETITION

Captain "Russian" Ray Hahn, Clay Center, all valley guard last year, and captain for 1922, has to compete with John Steiner, White-water, H. J. Counsell, Garden City,

K. I. Church, Manhattan, and A. D. Mueller, Hanover, for his old position at left guard. It will take a mighty good man to oust Hahn, as his record proves.

Ira Schindler, Valley Falls, a letter man of last year, will probably play at right guard with L. A. Lamb, Ford, and R. A. Laswell, Manhattan, as understudies.

An interesting little battle is being staged between Ronald Hutton, Manhattan, and Woody Perham, Iola, for the honor of holding down center position left vacant by "Shifty" Cleland. Both men are from last year's frosh.

### SAME BACK FIELD

The back field prospectus reads much the same as did last year's, except that a number of new men have been added to the roster. Burr Swartz, Hiawatha, one of the best quarterbacks in the valley last year, "Swede" Axline, Wichita, quarter in '20, C. B. Cox, Sedgwick, and E. D. Ward, Elmsdale, of the '21 yearlings, will try out for pilot.

A. R. Stark, Goodland, one of last year's best halves will have Donald Randall, Wilson, R. J. Shaw, Medicine Lodge, and John Brown, Blue Rapids, to support him. "Ding" Burton, Wichita, who owns one of the stickiest pair of hands in the valley when it comes to hanging on to a forward pass, will most probably show C. A. Brandley, Manhattan, A. F. Rheburg, Niles, and B. Rucker, Burdette, the way at right half. And "Susie" Sears, who is expected to put in a late appearance from his home in Eureka, will have A. W. Butcher, Solomon, V. C. Clements, Havensville, and H. E. Portneir, Phillipsburg, to fight for his position at fullback.

## STRIKE IS BLAMED FOR UNFINISHED CAFETERIA

**Roofing Ordered Two Months Ago Still on Road—Barracks and Boarding Houses Taxed**

Delay in the shipping of slate roofing from Vermont prevented the completion of the new K. S. A. C. cafeteria building in time for the opening of college. The delay was attributed to the railroad strike. The material has been on the road more than two months. It had reached Davenport, Iowa, August 30, but the contractors of the structure have no assurance that it will be delivered within any stated time. If the roofing is delivered in Manhattan within the next two weeks the cafeteria probably will be opened some time in October.

The cafeteria was housed in Kedzie hall which is now occupied by the departments of English and industrial journalism. The cafeteria equipment was moved from the building in August, the vacated rooms being occupied immediately by the print shop and offices of the English and journalism departments. It was thought that the cafeteria would be ready for occupation September 10.

Local restaurants and boarding houses are taxed to care for increased business resulting from the closing of the cafeteria. Additional accommodations have been provided for serving students in the barracks where meals are provided by the college at cost.

Club girls baked 370,000 loaves of bread last year in connection with extension club work carried on by extension club workers in the United States.

Fruits intended for preserves should be perfectly fresh and sound.

## AS ENGLAND SEES U. S.

**CONOVER BACK FROM TRIP A-BROAD, GIVES IMPRESSIONS**

**British Regard Americans as Addicted to Jazz, Intolerant of Minority Opinion, and Provincial in Literature, He Says**

What do the English think of us?

This question was answered in the student assembly Tuesday by Robert W. Conover, professor of English, who spent some weeks in England in the summer and made a special effort to get at British public opinion. Here, according to Professor Conover, are some of the opinions that the English hold of Americans:

We are hopelessly addicted to jazz and the types of dancing that go with it.

We still think that there is a panacea—usually a legal one—for all problems.

### INTOLERANT OF MINORITY

We are intolerant of minority opinion and afraid of discussion.

In political, social, and industrial matters we have not developed as England has, being in our laws on such matters about where England was 50 years ago.

We are still provincial in literature, Poe and Whitman being the only outstanding literary figures that we have produced.

We have excelled in technical lines and in the scientific study of educational processes.

### HOSTILE TO ENGLAND

We are not so much interested in abstract justice as we used to be—we do not care so much what is right or wrong so long as it does not affect us or our friends.

We are to a considerable extent hostile to England.

From the English, Professor Conover holds, we can learn much in toleration of differences in customs, opinions, and other matters. They are ready, he said, to examine their own attitude where we differ with it.

The English are seeking to influence public opinion in this country because of their belief that sentiment is unfavorable to them, Professor Conover stated. Such efforts are not reprehensible, he holds, provided Americans recognize them as such. He condemned all propaganda that conceals its real purpose.

## STUDENTS IN AGRICULTURE WIN ESSAY CONTEST PRIZES

**Kansas Boys Take First Three and Four Other Awards**

Agricultural students of Kansas State Agricultural college won first, second, third, fourth, seventh, ninth, and tenth places, and nine honorable mentions in an international essay contest by the Portland Cement association. The results of the contest were announced just after the close of college last June.

They took \$190 of the \$250 offered in the contest. All the students but one were enrolled in a class in agricultural journalism taught by C. E. Rogers, associate professor of industrial journalism, at the time they wrote the essays. Writing the essays was assigned by Professor Rogers as a class problem. The subject of the composition was the uses of concrete on the farm.

The contest was open to all students of agriculture of the United States and Canada. Four hundred and ninety-eight essays from 47 states and Canada were entered. The length of each essay was limited to 600 words.

Warner Adams of Maple Hill, won

the first prize of \$75. Albert L. Bridenstine, Marienthal, won the second prize of \$50, and C. C. Wilson of Canton, the third prize of \$25. Four other cash prizes of \$10 each were won by Thomas Cross, Belle Plaine, fourth; Henry C. Sturgeon, Laine, seventh; Fred A. Bangs, Madison, ninth; Roland S. Mather, Manhattan, tenth.

Honorable mention went to Dale H. Carmean, Manhattan; J. H. Moore, Stockton; H. J. Schmitz, Alma; Henry Karns, Ada; Donald Keller, LeRoy; G. D. Stockwell, Larned; Deal Six, Versailles, Ill.; G. Ellis Taylor, Hiawatha; and Kay I. Church, Haddam. Mr. Church was not a member of the class in agricultural journalism when he wrote his essay.

## NEW SYSTEM OF GRADING WILL RAISE SCHOLARSHIP STANDING

**College Adopts Plan Recommended by Phi Kappa Phi**

Scholarship standards of the Kansas State Agricultural college will become higher with the adoption at the beginning of the fall semester of a new point system for grading the work of students. Under the new plan, which was worked out and recommended to the faculty for adoption by Phi Kappa Phi, it will be impossible for a student to graduate if his average grade for the four year period of his college residence is less than "M".

The outline of the plan, which is now in effect, is as follows:

1. For each semester credit of work assigned, a student shall receive points according to the grades attained on the following scheme:

Grade	Points
E	3
G	2
M	1
P or lower	0

2. For graduation the total requirement in points shall be the same as in credits, with the further provision that required total number of points made in the junior and senior subjects shall be the same as the total number of credits required in these subjects.

3. Above the freshman year, classification shall be based on the same requirements in points as in credits.

4. Seniors meeting the graduation requirement in credits but failing to meet it in points, shall take further courses designated by the dean of the division in which their major work lies, until the requirement in points is met.

## CHICAGO U. TENNIS TEAM TO OPPOSE AGGIES HERE

**Contest Will Be on K. S. A. C. Court Next Tuesday**

The crack tennis team of the University of Chicago will battle with Kansas Aggie racket wielders here next Tuesday. Coach Mike Ahearn has a wealth of material from which to select his team to oppose the visitors. Those showing up best last spring were Doc Rader, Everett Wareham, Gil Wann, P. J. Hershey, Wilber Cole, R. J. Ball, Loraine Staley, John Brown, and R. C. Lane.

The university is sending its superb team on a tour of the middle west in an effort to create a more friendly feeling between the schools in this section and those of the Big Ten. The team is composed of Captain Arthur Frankenstein and Edward Wilson.

Most grasses seed themselves in the fall. That's one reason for renewing the lawn by raking out the weeds and applying a little good seed before the autumn rains.

## ATTENDANCE UP TO 2,725

**REGISTRATION THIS FALL SETS NEW HIGH RECORD**

**Number of K. S. A. C. Students Fully 150 Greater Than Ever Before at This Period of Year—Growth of College Steady**

Student registration at Kansas State Agricultural college passed its previous high record by fully 150 during the first week of the fall semester. The enrolment yesterday stood at 2,725. No check of departmental or divisional enrolment has yet been attempted by the registrar's office, the rush of late registration having kept an extra force of workers engaged in that work alone. The figures do not include summer enrolment which totalled 883.

Enrolment figures for the three years since the demobilization of troops at the close of the war indicates a steady growth of the college. During the school year of 1921-22 a new high record was set. The grand total for the year was 3,560, a gain of 230 over the 3,395 in the school year 1920-21, the previous high mark.

### NEARLY 900 FRESHMEN

The attendance for 1921-22 was divided into the following groups: summer school, 820; housekeepers' short course, 19; farmers' short course, 59; engineering short course, 173; special students, 297; vocational school, 221; freshmen, 831; sophomores, 628; juniors, 422; seniors, 296; graduate students, 125.

In the divisions the engineering school led with 926 students in 1921-1922. The division of general science enrolled 775; the division of agriculture, 763; the division of home economics, 552; the division of veterinary medicine, 68; the summer school, 820; and the vocational school, 297. The grand total shows 2,414 men and 1,146 women enrolled.

A total of 37,472 enrolled with the extension division. Of these 476 took courses for college credit, 496 took courses for vocational credits, and 36,500 received three or more free lessons or instruction sheets.

### FROM KANSAS 3,149

Thirty-seven of the 48 states of the union and the District of Columbia were represented in the student body. Kansas students numbered 3,149. Missouri sent 151 to K. S. A. C., Oklahoma, 39; Nebraska, 25; Colorado, 22; Arkansas, 16; Illinois, 15; Iowa, 14; Texas, 12; California, 10; Indiana, Michigan, and Pennsylvania, 7 each; New Mexico, 6; North Carolina, Massachusetts, and Ohio, 5 each; Louisiana, 4; Arizona and New York, 3 each; Idaho, Kentucky, Maine, Montana, North Dakota, Wisconsin, and Wyoming, 2 each; and Connecticut, Delaware, Florida, Georgia, Minnesota, New Jersey, Tennessee, Utah, Virginia, and Washington, one each.

### TWENTY-EIGHT FOREIGNERS

Twenty-eight students from foreign countries attended the college during the 1921-22 school year. Brazil, China, Mexico, and the Philippine islands were each represented by 4. Three were from Egypt, two each from Canada and South Africa, and Bolivia, Chili, Italy, Serbia, and Syria were each represented by one student.

A big woodpile will be worth money this winter.

No legacy is so rich as honesty.—Shakespeare.



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N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLEY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, SEPTEMBER 20, 1922

## ADDED RESPONSIBILITY

Colleges throughout the country are opening with large enrolments. Agricultural or industrial depression does not keep young people from college. Often it causes more of them to attend, because remunerative work outside is scarce and because they realize that college training is important to success.

In unfavorable times the responsibility upon the colleges and upon the students in the colleges increases. The money that is being spent means more to the country. The value of training for livelihoods and for life is more apparent. The colleges recognize the added responsibility. Moreover, they are insisting upon the students' recognizing it also.

## THE NEED FOR POLITICIANS

"America Needs Politicians."

With this slogan, The American Boy is doing a splendid thing for boys and a splendid thing for America in offering prizes to high school papers for stories and editorials of constructive service in the schools. Says The American Boy:

"To the people is entrusted all the power of our government—in countryside and village, town and city, state and nation.

"A few exercise this power. The few who do, the few who are active citizens, are scornfully dubbed by the others 'politicians.' These others, the inactive citizens, sit on the sidelines, most of them grumbling about unfair laws, hard times, and dismal prospects—all brought about, so they aver, because the country is 'run by politicians.'

"This attitude develops early. The boy jibes at Bob Baxter, candidate for the class presidency, as a 'politician'—and later continues to scoff and criticize while Bob bears the brunt of the class work.

"Any citizen can become an active citizen, a clean politician. As such, he has a voice as powerful as anybody else's in the way things are run.

"The noted educators and students of government with whom we have been in conference all give the same counsel: Make politicians, clean politicians, out of the boys in school. Arouse in the boy the desire to do his share of public work; give him practice in doing it."

The contest is based on these ideas. It is concerned with stories and editorials that consider public affairs in the student body. It is a fine thing.

But it brings to attention matters much more significant than mere contests. It brings to attention the importance of as much self-government as possible in the schools, in order that students may learn in a

good environment the lessons of practical citizenship—majority decision, consideration for minority rights, office as a public trust, the existence of the state for the citizen rather than the citizen for the state—lessons which many of us in adult life have not yet learned.

It brings to attention also the fact that citizenship is the most important thing that can be taught in the schools—much more important than any subject aimed wholly at money-making or social standing or any such thing. The students in our schools need realistic lessons in citizenship and all the economic, sociological, and political implications that it possesses. They need to know not merely the laws and principles of government, but the way in which these practically operate and how they can be made to operate more justly and more efficiently. Theory is all right, but it needs to be reinforced by practical demonstrations and, still more, by practical trial. Demonstration can be furnished through examination of the actual workings of local, state, and national governments. Trial can be obtained through practice in school government.

Nobody else is going to take the responsibility for citizenship. The responsibility—and it is a privilege, too—belongs to the schools.

## CORN TASSELS

H. W. H.

It has been a long hard summer, but the bucolic humorists are all back on the job, more witty and cynical than ever before. The job of columning is producing an entirely separate and distinct race of people, and one of these days it won't be too much to look for a messiah that will lead the new tribe into a Utopia of understanding readers. But to our duty; see below, to wit, viz., etc.

## WHERE AESOP WAS WRONG

I have considerable respect for the fox in the Aesop fable who, when he failed to reach the grapes, concluded they were sour. Foxes don't eat grapes, anyway.—Whitewater Independent.

Most any man is willing for you to believe that his salary is much larger than it is, unless you happen to be a government income man or a solicitor for the church.—McCune Herald.

## ART IS ART

It seems that the professional dead-beat takes as much pride in his ability to get something for nothing as the successful man does in making a legitimate livelihood.—Cedar Vale County Limer.

After trading your car for a new one, says the Americus Greeting, read the description of the old one the dealer puts in his advertisement, and you will find it is such a car as you wanted all the time.

Mrs. Thompson in the women's column of the Howard Courant comes back at these mean men with the remark that Howard has a man gossip who can even tell what people are thinking of doing.

## TRAINING THE YOUNG IDEA

The growers would have less reason for complaint, states the Wathena Times, if, instead of kicking so much about the number of melons plugged in their patches, they would take the trouble to educate the younger generation so that they can tell the ripe ones. Os Madinger, an extensive grower, says a ripe melon has a dead sound. He tunes his ear to the right sound for a ripe melon by thumping the sole of his shoes. Plain, simple directions like that, posted in a patch at night and illuminated by a lantern, would do away with much of the loss from plugged melons.

The most thorough scientific research has proved, says the Minneapolis Messenger seriously, that no woman ever committed suicide on her way to buy a new hat.

We might offer the furtive observation, however, that many husbands, after having seen the price tag, undoubtedly wished their wives had proven the exception to the rule.

## A QUARTER CENTURY AGO

Items from The Industrialist, September 20, 1897

Ed Shellenbaum, '97, is clerking in F. B. Vawter's drug store in Randolph.

The heating and lighting apparatus of the new building will be put in by the mechanical department.

and the Johnstown Democrat inserts the entire article.

Kingling Brothers' circus has come and gone. It furnished a grand treat for the freshmen of both sexes, but we hope that in the interest of perfect recitations it will miss Manhattan when it travels west in the spring. It is reported that even the faculty were there.

The catalog case recently added to the equipment of the library is a very handsome piece of furniture, reflecting credit upon the mechanical department, where it was built. It is made of white and red ash, trimmed with heavy bronze hardware, and contains 84 drawers.

George Christensen, '94, who has

## The Emoluments of Teaching

John S. Nollen, Dean of Grinnell College

It is notorious that the emoluments of teaching, even on its highest level, are far inferior to those of quite ordinarily successful men in the other professions. In a college paying salaries not exceeded by those of any other similar institution in Iowa, it has been found impossible to retain at a professor's salary even a young physician of limited experience as college physician.

Nor has the American teacher, like his European colleagues, a place in the community that might compensate for insufficient financial rewards. In colonial days the town pedagogue commonly combined the duties of teacher with those of sexton, or with other humble, not to say menial pursuits; and the newspaper of that day was known to carry, in the same column with the list of black slaves for sale, an advertisement of an indentured servant to be sold for four years, and guaranteed to be capable of teaching as well as to possess other forms of servile skill. We have made progress since those primitive days, but we still lag far behind other civilized lands in the practical recognition of the dignity of teaching. The great continental nations of Europe are usually governed by professors, the point of which just now is not that they are therefore necessarily better governed, but that the fact in itself is convincing evidence of public confidence in and esteem for the profession.

We have put our trust and our money in physical equipment, splendid buildings, lavishly furnished, great public monuments to which every citizen can point with pride as conspicuous evidence of the public spirit of his town and its consuming interest in the education of the rising generation; and in these places we are likely to find teachers who are undertrained, underpaid and inexperienced, for with us teaching is not a profession, but a procession. Which is more important, the shell or the kernel, the husk or the corn? What farmer would build a palatial stable for his cattle and then stint their fodder? Are our cattle more precious than our children? Can you imagine a school district voting bonds or an equivalent extra tax in order to secure the best teachers in the country?

Mr. Fockele, the editor and proprietor of the LeRoy Reporter, made us a pleasant call on September 10.

The Engineering News, Aug. 5, contains a notice of Professor Hood's work in irrigation engineering.

Parts of the driveways of the campus are receiving a new coat of macadam. The work is being done by students.

The contract of constructing a cistern and a cesspool for the new domestic science building has been let to Mr. Samuels, of Manhattan.

The tin work of the new building will be completed during the present week. The plasterers have completed the work of lathing, and will begin the stucco work in a day or two.

A number of Manhattan ladies have petitioned the college for permission to attend the lectures in hygiene and domestic economy given this term by Professor Helen Campbell.

The New Woman contains a column of excerpts from President Will's article on "The Warfare of Science," published in a recent number of THE INDUSTRIALIST. The Star and Kansan publish an extract

been assistant in the shop office for the past year or two, has found a very satisfactory and more remunerative position with Brown & Sharp, manufacturers of high class tools, at Providence, R. I. Excerpts from his letter to Professor Hood will make interesting reading when we have room.

The rapid increase of students in all departments has made necessary the division of many classes. Last Saturday, the president announced in chapel that by Tuesday morning the preparatory classes in arithmetic and history and a section in first term algebra, would be divided. The first divisions of these will be taught by Post-graduates Kellogg, Westgate, and Vincent respectively, and the second divisions by Post-graduates Harley, Miss Secrest, and Westgate.

W. M. Ireland, who was a second-year student last winter and had been employed by the farm department during the spring and summer, has so far recovered from a long and dangerous siege of typhoid malaria as to return to his home in Allen county. He was tenderly cared for by his mother who came from Iowa for that purpose, and by Mr. and Mrs. Sexton at their residence, and has had the best of medical attendance.

## THE GLORY TRAIL

Badger Clark in "Sun and Saddle Leather"

'Way high up the Mogollons,  
Among the mountain tops,  
A lion cleaned a yearlin's bones  
And licked his thankful chops,  
When on the picture who should ride,  
A-trippin' down a slope,  
But High-Chin Bob, with a sinful pride  
And mav'rick-hungry rope.

"Oh, glory be to me," says he,  
"And fame's unfadin' flowers!  
All meddlin' hands are far away;  
I ride my good top-hawse today  
And I'm top-rope of the Lazy J.  
Hi! kitty cat, you're ours!"

That lion licked his paw so brown,  
And dreamed soft dreams of veal—  
And then the circlin' loop sung down  
And roped him 'round his meal.  
He yowled quick fury to the world  
Till all the hills yelled back;  
The top-hawse gave a snort and whirled  
And Bob caught up the slack.

"Oh, glory be to me," laughs he.  
"We've hit the glory trail.  
No human man as I have read  
Durst loop a ragin' lion's head,  
Nor ever hawse could drag one dead  
Until we told the tale."

'Way high up the Mogollons  
That top-hawse done his best,  
Through whippin' brush and rattlin' stones,  
From canyon-floor to crest.  
But ever when Bob turned and hoped  
A limp remains to find,  
A red-eyed lion, belly roped  
But healthy, loped behind.

"Oh, glory be to me," grunts he.  
"This glory trail is rough,  
Yet even till the Judgment Morn  
I'll keep this dally 'round the horn,  
For never any hero born  
Could stop to holler: 'Nuff'!"

Three suns had rode their circle home  
Beyond the desert's rim,  
And turned their star-herds loose to roam  
The ranges high and dim;  
Yet up and down and 'round and 'cross  
Bob pounded, weak and wan,  
For pride still glued him to his hawse  
And glory drove him on.

"Oh glory be to me," sighs he.  
"He kaint be drug to death,  
But now I know beyond a doubt  
Them heroes I have read about  
Was only fools that stuck it out  
To end of mortal breath."

'Way high up the Mogollons  
A prospect man did swear  
That moon dreams melted down his bones  
And hoisted up his hair;  
A ribby cow-hawse thundered by  
A lion trailed along,  
A rider, ga't but chin on high,  
Yelled out a crazy song.

"Oh, glory be to me!" cries he,  
"And to my noble noose!  
Oh, stranger, tell my pards below  
I took a rampin' dream in tow,  
And if I never lay him low,  
I'll never turn him loose!"

The vagaries of the censorship are many and baffling. Walt Whitman is suppressed in Hungary as an anarchist and communist writer. There being so few translations of Hungarian works in America, the United States takes its revenge by picking on "Mademoiselle de Maupin," a book slightly older than Whitman's work. France retorts through Le Gaulois, which discontinues the serial publication of a French translation of Sherwood Anderson's "Winesburg, Ohio," and then caroms by permitting the issue of Joyce's "Ulysses," which America banned and England dared not print.—Kansas City Star.

The ox warble fly is costing Kansas farmers thousands of dollars annually. In milk cows it reduces the milk flow, in beef cattle it damages the loins and hides. The treatment is simple. Squeeze the grub out of the animal's back and treat the back with a salve made of one part iodiform and five parts vaseline.

The rule for figuring the value of skim milk is to count one-half the price of a bushel of corn as the value of 100 pounds of milk.

For fattening hogs a self feeder is more successful than the best method of hand feeding.



## AMONG THE ALUMNI

Herbert L. Wilkins, '22, is with the chemistry department of New Mexico State college.

Harold T. Nielsen, '03, is now county agent at Fayette, Howard county, Mo.

Dora Thompson Winter, '95, is dean of women at Cotner university, Bethany, Neb.

Earl H. Martin, '12, will teach vocational agriculture in the Pratt, Kan., high school this fall.

Daisy (Hoffman) Johntz, '00, Abilene, attended the Rotary and Shrine conventions in California last June.

Fred W. Milner, '15, is fieldman for the Fairmount Creamery company and has headquarters at Salina.

P. C. Vilander, '11, and Bessie (White) Vilander, '10, are living in Riverside, Cal., where P. C. is a lumber salesman.

Samuel R. Gardner, '16, and June Milner Gardner, '14, who were married in March 1922, are at home on a ranch near Hartford.

George C. Peck, '84, has a son, Clifford B. Peck, in college this fall. Mr. Peck is in the book and news business at Jewell.

Harriet (Nichols) Donahoo, '98, Santa Fe, N. M., is chairman of art for the intermountain and coast federation of club women.

Orville A. Stingley, '96, veterinary inspector, U. S. D. A., in charge of the Kansas City station, attended the Shrine council at San Francisco in June.

T. N. Hill, '09, is a missionary at Damoh, India. An industrial school for boys is at the mission and a similar school for girls is to be established.

Don B. Whelan, '14, is entomologist in the University of Idaho extension service. Mr. and Mrs. Whelan and daughter, Martha, live at 1306 E street, Boise.

John M. Scott, '03, vice-director of the Florida agricultural experiment station, Mary (O'Daniel) Scott, '04, and their son, John Marcus, were campus visitors in July.

Preston E. McNall, '09, and Eugenia (Fairman) McNall, '10, camped in western Ontario this summer while "Pete" was on vacation from the University of Wisconsin.

Harry N. Whitford, '90, in charge of tropical forestry in the Yale university school of forestry, taught in the Yale summer school on the Pinchot property in Pennsylvania.

Adah Lewis, '07, spent the summer with her mother at Eureka Springs, Ark. Miss Lewis is assistant professor of home economics in the North Dakota agricultural college.

Selma E. Nelson, '12, superintendent of hospital school for nurses of the Swedish convent hospital at 2749 Foster avenue, Chicago, spent three weeks in July at her home in Randolph.

Lorena B. Taylor, '14, finished in June a course in osteopathy at Kirksville, Mo., and sailed August 15 on the City of Sparta for Sialkot, Punjab, India, as a Presbyterian missionary.

Rena Faubion, '10, will head the home economics department of the National City, Cal., high school this fall. She attended summer school at the south branch of the University of California.

John U. Higinbotham, '86, chasing the hens from his vineyard at Saratoga, Cal., pauses to ask that the "twenty-five years ago" column be set back 10 or 15 years. The history is too modern, he says.

"Mucho trabajo, pero poco dinero," writes John R. Harrison, '88,

editor of the Beloit Gazette. He sings a popular refrain if the free translation accompanying the squib is correct, "lots of work but little money."

Here's Aggie loyalty. Maud (Sauble) Rogler, '01, Bazaar, sent a daughter to college last year, and a son will be here this fall. A picnic for Chase county alumni, former and prospective students, was at her home July 16.

Carl P. Thompson, '04, has a nine months leave from the Oklahoma Agricultural and Mechanical college where he is associate professor in charge of swine husbandry. He will spend the leave at Ames, specializing in animal nutrition and meats.

George P. May, '11, invites friends to St. Louis for the world's series baseball this fall. The Browns, with "Josh" Billings a member, he says, will win the American league pennant. George plans to attend the Homecoming game here October 28.

John B. Gingery, '10, and Mary Austin Gingery ('07-'10) visited relatives in Kansas and Oklahoma in August. John, a practicing veterinarian at Muscatine, Iowa, was recovering from a series of maladies which left him weaker than any football encounter he ever engaged in.

Mary Neiman, '14, assistant bookkeeper in the bank of Whitewater, with her sister, Helen Neiman, '21, visited in the Pacific coast states. At Los Angeles they were guests of Mary Gurnea, '15, and at San Francisco, of Marguerite (Dodd) Rugles, '13.

Abner D. Whipple, '98, assistant manager of the Bell Telephone Manufacturing company, Antwerp, Belgium, spent three months in the States this summer, returning to Belgium in July. Whipple married a Belgian girl, Germaine Craen, in 1918. They visited Henry M. Thomas, '98, Racine, Wis., Whipple's roommate in college.

Harvey B. Hubbard, '07, Beloit, is an electrical contractor who reports business good. He now has contracts for electrical work on the new agricultural building, Lawrence high school, Hill City high school, Isabel high school, Rooks county court house, Smith Center memorial building, Jewell Methodist church, and Dickinson county hospital.

T. W. Buell and wife, Marian (Allen) Buell, both '04, are farmers at Roanoke, Tex. They milk 14 cows and care for 400 chickens and three children. Mr. Buell is farm boys' club leader. Mrs. Buell is home demonstration club leader and president of the farm women's club. They are planning a community fair in October. They are open for suggestions as to how to keep busy.

**C. M. Correll Comes Home**  
C. M. Correll, '00, is assistant professor of history in the college. For the last three years he was with Fargo college at Fargo, N. D. Ten years prior to that were spent with the normal school in Dakota.  
Mr. Correll and Mrs. Laura (Trumbull) Correll, '00, are living at 612 Osage. They have five children, the eldest of whom, Miss Helen Correll, is a freshman in college.

**Jefferson County Knows**  
Five Kansas Staters are on the faculty of the Winchester rural high school, and Blanche Lea, '21, one of them, says "Jefferson county knows there is a good college at Manhattan."

T. O. Garringer, '22, is the new superintendent of the school.

## DEATHS

Edwin W. McCrone, '03 and '07, died June 27 in a hospital in Charleston, S. C., of typhoid fever. Burial was at Haddam.

## MARRIAGES

### BOURASSA—RHOADES

Miss Orille Bourassa, '22, and Mr. E. L. Rhoades of the college extension division were married August 12 in Kansas City. Mr. and Mrs. Rhoades are now in Chicago where both expect to take work in Chicago university.

### CARSON—CROSS

Miss Velma Carson, '19, and Mr. Homer Cross, '19, were married August 10 at Morganville. Mr. and Mrs. Cross will make their home at 314 Savannah street, Wilkinsburg, Pa., where Mr. Cross is employed by the Westinghouse Electric company.

### HYMAN—SMITH

Mr. Walter F. Smith, '15, and Miss Lena May Hyman were married December 28, 1921, at the home of the bride's parents in Kansas City, Kans. Mr. and Mrs. Smith are at home at 1342 Waverly avenue, Kansas City, Kan.

### SANDERS—BRINK

Mr. Wellington T. Brink and Miss Kathryn Seleta Sanders were married September 2 at Bryan, Tex. They will be at home after October 1 at 700 Waverly drive, Dallas, Tex. Mr. Brink is managing editor of the Rice Journal.

### CONROW—WHISNANT

Miss Alda Conrow, '20, and Mr. Carrol J. Whisnant were married August 23 at the home of the bride's parents, Mr. and Mrs. W. A. Conrow. Mr. and Mrs. Whisnant are living at Brookville, where Mr. Whisnant is principal of the public school.

### CRUMBAKER—JOHNSON

Mr. and Mrs. Andrew Crumbaker announces the marriage of their daughter, Miss Mary Grace Crumbaker, '19, to Mr. Wilfred M. Johnson, August 16. Mr. and Mrs. Johnson will make their home in Cleburne.

### GRUBB—GARD

Mr. Elton M. Gard, '22, and Miss Lillian V. Grubb ('19-'20) were married August 17 at the Methodist parsonage, Manhattan. Mr. and Mrs. Gard are at home at Howard.

### WHAN—HOWELLS

Miss Lucile Whan, '22, and Mr. Oliver D. Howells, '21, were married August 21 at the home of the bride's parents, Mr. and Mrs. L. H. Whan, Manhattan. Mr. and Mrs. Howells are living at Overland Park.

### BROWN—SMITH

Mr. and Mrs. J. E. Brown announce the marriage of their daughter, Miss Flossie Brown, '18, to Mr. Corwin C. Smith, '15, at Garden City, August 22. Mr. and Mrs. Smith are at home at Orange, Cal.

### MACDUFF—PARKERSON

Mr. Louis R. Parkerson, '16, and Miss Margaret Macduff were married July 23 at St. James church, Oneonta, N. Y. Mr. and Mrs. Parkerson are making their home at 145 Dunbar avenue, Long Branch, N. J., where Mr. Parkerson is connected with the Consolidated Gas company.

### MCLAURIN—BARR

Mr. B. L. Barr, '12, and Miss Bernice McLaurin were married September 8 at Montreal, Canada. Mr. and Mrs. Barr are at home at Columbus, Ohio.

### McCONNELL—KNOX

Mr. Raymond S. Knox, '21, and Miss Maud McConnell were married at the home of the bride's parents at Manhattan, September 13. Mr. and Mrs. Knox are at home at Long Branch, N. J.

### STANLEY—WILDER

Mrs. George W. Stanley announces the marriage of her daughter, Miss Prudence Stanley, '22, to Mr.

Marshall Wilder, '20, August 30, at Topeka. Mr. and Mrs. Wilder are at home at Kansas City, Mo., where Mr. Wilder is connected with the Kansas City Investment company.

### MACQUEEN—LYLE

Mr. and Mrs. George MacQueen announce the marriage of their daughter, Miss Bessie MacQueen, to Mr. Samuel P. Lyle, '21, December 27, 1921, at Grand Avenue Temple, Kansas City, Mo. Mr. and Mrs. Lyle are at home at Jonesboro, Ark., where Mr. Lyle is head of the engineering department of the state agricultural college.

### R. A. Branson Dies at Topeka

Roscoe Arthur Branson, '11, died at Topeka August 28 after an operation for appendicitis. Burial was at Belleville. He is survived by his widow, Irene (Case) Branson, '11; a son, William Curtis Branson, 5 years old; and a daughter, Virginia Belle Branson, born early in August.

Branson was a practicing veterinarian at Cottonwood Falls, following 18 months service as a first lieutenant with the American expeditionary forces. His widow is living at Cottonwood Falls.

### An Alma Mater Record Proposed

Would you enjoy a good phonograph record of the College song, "Alma Mater"? Last winter at the eastern alumni banquet Earl Wheeler, '05, 1028 Myrtle avenue, Plainfield, N. J., suggested one be made. "They passed the buck to me," Earl wrote recently, "suggesting I investigate and report next year."

"The thought came to me after hearing Mrs. Henrietta (Hofer) Ross, '03, sing a few pieces as she used to in my college days. Nothing else at the meeting carried me so quickly back to those days. For you know to us of the early naughts, no musical program was complete if Retta Hofer didn't sing."

"So I suggest to the alumni that we have an Alma Mater record made, and that it be by Retta Hofer. I know of none better fitted, with sweeter voice, to make it. Incidentally, Mrs. Ross has passed the examination for making records; that is, her voice will register properly. Also she lives convenient to the Victor and Columbia plants."

"If the association thinks well of the suggestion I shall investigate the requirements and costs. If anyone has a better suggestion, speak up."

Write direct to Earl at the foregoing address if interested. He can't put it across unaided.

### Kansas Staters in Wyoming

James R. Coxen, '07, who has been in Wyoming with the state university and at Cheyenne as state director for vocational education for five years, says he sees some K. S. A. C. people occasionally. He adds, "Fred Houser, '07, is chief clerk in the office of the state game warden here in Cheyenne. A. F. Vass, '09, is professor of agronomy and Cecil Elder, '16, is associate professor of veterinary science at the University of Wyoming. M. W. Watt, '20, and Frank Fleming, '14, have been teaching vocational agriculture and proving up on their homesteads. "While in California last spring I saw A. D. Holloway, '07, who has a chicken and fruit ranch at Puente. I saw also Dr. Ray Thompson, '08, and Grace (Hull) Thompson, '08. Ray is practicing in Whittier."

## BIRTHS

Amy (Lambertson) Osborn, '17, and Robert Osborn, '17, announce the birth May 13 of Robert Osborn, Jr., at their home at 1334 Hinkley avenue, Cedar Rapids, Iowa.

George L. Usselman, '16, and Mrs. Usselman announce the birth July 27 of Mabel Bourne Usselman at their home at Port Jefferson, Long Island, N. Y.

## LOOKING AROUND

OLEY WEAVER, '11

We're off in a bunch here at Kansas State this year. The drouth may have injured some crops, but the crop of students is above normal. What mattered it if someone did have to ask someone to start the college yell at the first convocation? Everybody joined in, tuned his voice with his neighbor, and rattled the windows of the auditorium.

And the harmony in that yell is typical of conditions at the college. They rise up with one voice, students and faculty, and if the voices of the alumni that have been raised are a criterion for the still silent ones, the whole college family, present and absent, is in close harmony.

What is to be accomplished this year by the college is set down in the curricula and the working projects of the experiment station and extension division. The work of the alumni association is as definitely planned. But the college is getting the jump. Its program is well under way. The chief reasons for this are zest and organization.

But the alumni association is on the way. It has whipped up considerably in the last two years, and is gaining. A closer organization, though not a tighter one, is sought for this year; and the goal, "every graduate an active alumnus," will be before the association constantly.

There is no need in an enlightened community such as the one in which this newspaper circulates, to argue the need for organization. James Harbord, our distinguished fellow alumnus, can tell you how far Uncle Samuel would have got without it. Organization and zest meant everything.

So the association is stepping along, but slowly as compared with the pace it should assume in the column of other alumni associations. When every graduate is an active alumnus the present position among the stragglers will be abandoned.

Sounds pessimistic? Not a bit of it. Just another way of congratulating the alumni association on the remarkable advance it has made in recent years with such a small percentage of its graduates enrolled as actives.

Now just suppose every graduate active. The accomplishments of recent years could be multiplied by—but of such stuff dreams are made. Wake up! Let's get the actives.

**O. O. Morrison Killed in Chicago**  
O. O. Morrison, '08, died in Chicago July 10 as the result of an automobile accident. He was run over and dragged by a motor bus July 1, as he stepped from a street car. He was buried in Oakwood cemetery, Chicago, July 12, with Masonic ceremony.

Mr. Morrison is survived by his widow, Matah (Schaeffer) Morrison, '10, and two sons, Lawrence, 7 years old, and Stanley, 1 year old. They are living at 412 South Park road, La Grange, Ill.

**F. W. Boyd Out for Congress**  
Frank W. Boyd, editor of the Phillips County Review, Phillipsburg, is a nominee from the Sixth congressional district of Kansas. His wife, Mamie (Alexander) Boyd, '02, announces:

"We are beginning to campaign. We expect to win, too. Just a mere 12,000 votes to overcome in the opposite party."

Which shows the old Aggie pep.



## FACULTY ROLL CHANGES

### ALMOST EVERY DEPARTMENT HAS NEW NAMES

Resignation, Leave of Absence, and Returning Teachers Occasion Considerable Alteration in K. S. A. C. Roster of Instructional Staff

The personnel of the K. S. A. C. instructional force has undergone rather extensive changes since school closed last spring. Many faculty members are away only temporarily on leave of absence but a large number have resigned to accept new positions.

The division of general science has the largest number of new teachers. In the department of education Prof. W. H. Andrews has returned after a year's leave of absence. Doctor Andrews will conduct the graduate courses in educational administration and the history of education.

In the department of foreign languages Miss Edith Tolle has been added as assistant professor to teach French and Spanish. Miss Tolle is a graduate of Washburn college. She has taught languages in the Clay county high school and in the Manhattan schools.

### CHANGE IN ZOOLOGY

Several changes have been made in the department of zoology and entomology. Miss Irene Huse, instructor last year, resigned to be married in the spring. Her place will be filled by Miss Naomi Zimmerman, who comes here from Nebraska university. Mrs. Ruth Hurd West, assistant in zoology, will not return to her work here this fall. W. P. Hayes, instructor in entomology goes to Cornell university this month to study for his doctor's degree. He will also teach the course in elementary entomology there.

Dr. Nina Jewell, who has her degree of doctor of philosophy from the University of Illinois, has been appointed instructor in zoology. Doctor Jewell has been in charge of zoology at Milwaukee-Downer College during the last three school years, spending her summers as assistant in the University of Michigan biological laboratory working with Dr. Paul S. Welch, formerly of K. S. A. C. She succeeds J. B. Rogers, who resigned at the close of the last school year to pursue the study of medicine in Northwestern university.

### RURAL COMMERCE GROWS

Miss Bertha Danheim, K. S. A. C. '21, has been appointed half-time assistant in zoology to succeed Mrs. West. Ernest Hartman, K. S. A. C. '22, has been appointed half-time graduate in zoology.

In the course in rural commerce a new position has been created, due to the increasing number of students taking the work. This position will be filled by J. F. Anderson, who has been doing graduate work in the department of commerce in the University of Missouri. Mr. Anderson has the elementary economics classes and those in cost accounting and commercial geography.

### NEW ENGLISH INSTRUCTOR

J. D. Faulkner has been added to the staff of the English department to fill the place vacated by Charles Matthews, who is away on a year's leave of absence.

Several new instructors have been added to the faculty of the chemistry department, and three members are absent this year. Wendel E. Lash, a graduate of Ohio State university, has been appointed instructor in general chemistry. R. E. Wilkin and H. J. Beattie have gone out into the commercial field and E. S. West has been granted a year's leave of absence to permit him to study in Chicago for a doctor's degree.

C. N. Jordan, B. S., Oklahoma A. & M. College, and M. S., Washington university, and Dr. W. A. Van Winkle, Ph. D., University of Illinois,

have been appointed instructors in chemistry.

### SWANSON COMPLETES STUDY

C. O. Swanson, also of the chemistry department, has completed his work for a Ph. D. at Cornell university where he has been on a year's leave of absence, and has returned to K. S. A. C.

In the department of mathematics, W. H. Rowe, a graduate of the University of Michigan, and W. C. Janes, who has a master's degree from Nebraska university, have been appointed instructors. Miss Bess J. McKittrick has resigned her position in the department here to be head of the home economics division at the University of Wyoming.

### AN ALUMINUS RETURNS

Miss Phirza Mossman, who has her master's degree in mathematics from the University of Chicago, has been appointed instructor in mathematics to succeed Miss McKittrick.

C. M. Correll, a graduate of K. S. A. C. and the University of Chicago, was recently appointed to an assistant professorship in the department of history and civics.

Professor Correll was head of the department of history in the North Dakota state normal school for eleven years. During the last three years he has been in charge of the work in history at Fargo college, Fargo, North Dakota. Mrs. Jossie Reynolds Andrews, who is a graduate of both the University of Kansas and K. S. A. C., has returned to K. S. A. C. as an instructor in history.

### BETTER HOME ECONOMICS

Further home economics work of the highest scholarship is promised for the Kansas State Agricultural college by additions to the faculty.

Dr. L. Jean Bogert has resigned as head of the department of food economics and nutrition to take a research position in the Ford hospital in Detroit. Dr. Helen Bishop Thompson, dean of the division, who is widely known for her research in this field, will act also as head of this department. Associated with her will be Dr. Martha Kramer, newly appointed associate professor, who holds degrees from the University of Chicago and Columbia university and who has had extended experience in teaching and research. Doctors Thompson and Kramer will be in charge of the graduate work and the undergraduate courses in human nutrition.

### MISS PITTMAN PROMOTED

Miss Martha Pittman, who has been connected with the college for three years, has been promoted to a professorship and will direct the work in foods and dietetics.

Miss Hildegard Kneeland is absent on leave for the year, completing her work for the degree of doctor of philosophy in Columbia university. Miss Amy Jane Leazenby will be acting head of the department of household economics.

In the department of food economics and nutrition, Miss Katherine Hudson, instructor, has been granted a two years leave of absence and will be at Columbia university this winter. Miss Mina Bates has charge of Miss Hudson's work for the coming year. Miss Bates comes here from Chicago university.

Miss Emily M. Bennett, who has her bachelor's degree from the University of Illinois, is a fellow in household economics and nutrition. Miss Vinnie Drake, K. S. A. C. '21, is assistant in household economics.

### TO ALASKA TO TEACH

Miss Elizabeth Kirkpatrick who was a fellow in home economics last year, will be head of the division of home economics at the new government college at Fairbanks, Alaska, this year.

Miss Mary Schell, instructor in costume design in the department of clothing and textiles, who has been teaching in the Chicago Art institute this summer is studying in the institute this winter. Miss Florence Clark, who took her master's degree

at the University of Washington the past year is taking Miss Schell's position.

### MISS EVERHARDY ON LEAVE

In the department of applied art, Miss Louise Everhardy, instructor, has been granted a leave of absence for one year and will take work in fine arts education at Columbia university. She is also to be director of the department of applied art in the Ursuline academy of arts in New York City. Miss Dorothy N. Voorhees of Plainfield, New Jersey, who was graduated last spring from the New York school of fine and applied arts is filling Miss Everhardy's place this year.

In the division of engineering, E. O. Slater, instructor in shop practice has resigned and will be succeeded by C. F. Cool of Manhattan. H. J. Bowhay, also an instructor in shop practice has resigned to assume his father's work during the latter's illness. H. K. Pinkerton of Kansas City will fill this vacancy.

E. C. Graham, Carleton College, will take over the duties of T. O. Dunn, who resigned as instructor in shop practice. R. M. Kerchner, B. S., University of Illinois, has been appointed instructor in electrical engineering.

### GRIMES BACK TO KANSAS

In the division of agriculture the position left vacant by the resignation of Prof. L. A. Fitz, head of the department of milling industry, has been taken by Prof. L. F. Mann who is acting head of the department. Prof. W. E. Grimes, head of the department of agricultural economics, who has been absent on a leave of absence, has returned.

Three new fellows have been appointed in the division of agriculture, William McReure, a graduate of both Park college and K. S. A. C., has been appointed fellow in agronomy. C. W. Gregory, a graduate of Kentucky university, has been appointed a fellow in animal husbandry. O. C. Bruce, professor of soils, Maryland Agricultural College has been sent to K. S. A. C. by the National Research council for the purpose of studying sulphur for use as fertilizer, the council having granted a fellowship to this college. H. I. Richards, K. S. A. C. '22, will do special work in agricultural economics for the food research institute of California, with headquarters here.

### SCOTT BACK FROM LEAVE

In the division of veterinary medicine, Dr. J. P. Scott, who has been taking advanced work in England for the past year, has returned to take charge of the vaccine laboratories.

Dr. W. P. Shuler, who held the position from which Doctor Scott was temporarily absent, has resigned.

Four instructors and two student assistants have been announced by the music department. Miss Gertrude Rosamond, instructor in piano, is a graduate of the Cosmopolitan School of Music, Chicago. For a year she held a scholarship in the Chicago Musical college. She takes the place in K. S. A. C. of Miss Ruth Foristall, who resigned to teach music at Kansas Wesleyan. Miss Mabel Smith, instructor in piano, is a graduate of Erie college, Ohio, where she did her major work in music. Miss Smith succeeds Miss Fanny Keller, who resigned to study in Chicago.

### MISS HASSINGER RESIGNS

Harry King Lamont was a pupil of Guy Woodard, concert master with the Minneapolis Symphony Orchestra, and has been playing in the Civic Orchestra of Chicago under Theodore Stock. Mr. Lamont, instructor in violin, replaces Miss Mabel Hassinger, who has resigned to study. Miss Lois Leon Manning, who succeeds Miss Katherine Kimmel as instructor in voice, is a graduate of Simpson Conservatory of Music. She has been teaching and doing concert work during the last two years.

The student assistants in the music department are Miss Mildred Thornburg, piano, and Miss Geraldine Shane, voice.

Frank R. Davenport, a graduate of Massachusetts Agricultural College in 1920, has been appointed assistant instructor in bacteriology to succeed H. R. Baker.

### ANOTHER MAJOR TO BE HERE

Mrs. Mildred Williams, who has attended the University of Kansas and Kansas State Agricultural college, is library assistant in the place of Miss Elizabeth Machir, who resigned.

In the military department, the increased work has made the addition of another instructor necessary. Major Richard Stickney, now at Fort Benning, Ga., has been transferred to take the position here.

### TEN OF K. S. A. C. FACULTY IN "WHO'S WHO IN AMERICA"

#### Agriculturists Predominate in List of Notables

Ten Manhattan persons are listed in Volume 12 of "Who's Who in America" which has just been published by A. N. Marquis and company of Chicago. All of the 10 are members of the faculty of Kansas State Agricultural college. The list follows: N. A. Crawford, author; Albert Dickens, horticulturist; F. D. Farrell, agronomist; E. L. Holton, educator; W. M. Jardine, agronomist; J. E. Kammeyer, economist; W. A. Lippincott, biologist; R. K. Nabours, zoologist; Helen B. Thompson, educator; and Julius T. Willard, chemist.

Out of some 110,000,000 Americans, Marquis has found only 24,278 worthy of being listed in the book. There are in the volume 3,339 sketches which have never appeared before, and 2,504 sketches which appeared in Volume 11 have been omitted this year. Death and retirement from official position account for the dropping of the greater number of names omitted.

### FIELD EDITOR OF FARMER'S WIFE ADDRESSES STUDENTS

#### Anna Coyle Outlines Plan of Rural Women's Magazine

Miss Anna Coyle, field editor of the Farmer's Wife, addressed K. S. A. C. journalism students at the first department lecture period Monday afternoon. Miss Coyle described the function of the magazine and her own work as field editor.

A contest recently conducted by the Farmer's Wife resulted in 7,000 letters invading the office of the magazine. Persons were asked to write 500 word letters on "Would you want your daughter to marry a farmer?" Of the answers received 94 per cent were favorable and 6 per cent negative.

The 200 letters received by the magazine from Kansas readers reflected the attitude of those received from the whole country, 96 per cent being favorable and 6 per cent being negative. Three of the Kansas letters were awarded prizes in the contest.

Part of Miss Coyle's mission in Manhattan was to offer these 200 letters to the college to be used as a basis for further study of the subject. She met with the president and deans Monday morning. As a result of the conference a committee was named to formulate a plan of making use of the data contained in the letters.

It's cheaper to plan even the smallest building on paper first than it is to tear out after it's partly built.

Uncle Ab says: Many a good horse has been spoiled by a driver that wasn't sure where he was going.

Field selection of sorghum seed is the most successful method.

## UNIT OF STADIUM UP

### AGGIE MEMORIAL STRUCTURE WELL STARTED

Seats for 2,500 in "Manhattan Section" Promised for Homecoming Game October 28—Can Accommodate 1,600 at Opening Contest

Workmen on the new Memorial stadium finished pouring concrete into the forms of the first construction unit of the structure this week, while the setting up of forms on a second unit was under way.

There will be eight units in the first section of the stadium, the part for which the contract is let. This section, seating 6,700, is being built from funds given by students, faculty, and Manhattan townspeople. Two additional sections will complete the stadium. A drive to raise funds for completion of the stadium will be carried to the alumni of the college some time this fall. The stadium complete will cost \$350,000. The part under construction will cost about \$125,000.

### SOME SEATS READY SOON

At least 2,500 seats in the stadium will be completed for the Aggie Homecoming game with K. U. here October 28, Walter Stingley, contractor, predicted this week. Seating accommodations for 1,600 are promised tentatively for the opening game of the season with Washburn.

Mike Ahearn, athletic director, is sure that enough temporary seats can be provided to take care of the Homecoming crowd. With bleachers, the old grandstand, and the part of the stadium which has been completed by that date accommodations for a crowd of 7,000 are assured. The largest crowd ever to witness a game on Ahearn field numbered less than 6,000.

### PRELIMINARY WORK FINISHED

All of the steel work and all of the concrete bases for the remaining seven units of the west section of the stadium are complete. Much of the preliminary labor which showed little tangible progress is out of the way.

Two thirds of all the material necessary for the entire eight units is on the grounds. All the steel and five carloads of cement have arrived. The stone for the large pylons at the ends of the section of the structure under course of construction has been hauled in and stone cutters are at work on it.

### GUESS WHICH IS KANRED AND YOU'LL RECEIVE \$10 PRIZE

#### Crop Improvement Association Announces Contest

A contest in identifying samples of Turkey and Kanred wheat, offering a \$10 prize for the party or parties guessing right, was conducted by the Kansas Crop Improvement association at the Kansas Free fair at Topeka, and will be continued at the Kansas State fair at Hutchinson, and the International Wheat show at Wichita. The contest was suggested as a result of the claim made by some grain dealers that Kanred is a soft wheat.

The Kansas agricultural experiment station which developed Kanred wheat maintains that it was selected from Turkey wheat, has no relation whatever to soft wheat, and that it differs from Turkey in no way except by the fact that it yields better, matures earlier, and is resistant to rust.

The guessing contest will give those who think they can distinguish Kanred from Turkey a chance to demonstrate their skill. There are to be 10 samples of Turkey and 10 of Kanred grown in as many different parts of the state. Each will be numbered and a record of the numbers placed in a bank vault where it will remain until after the contest. No one connected with the crop improvement association is to have access to this record before or during the contest.



# THE KANSAS INDUSTRIALIST

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Number 2

## KANSAS HAS HIGH TEAM

### K. S. A. C. STUDENTS PLACE FIRST AT WATERLOO

Compete with Representatives from Leading Universities at Dairy Congress—Houston High Individual—National Show October 9.

The Kansas State Agricultural college student dairy judging team won first place in the judging contest of the Waterloo Dairy congress, Waterloo, Iowa, Monday.

Members of the team are C. R. George, Manhattan; F. W. Houston, Twin Falls, Idaho; A. P. Wertman, Washington; and F. L. Fleming, Paola. The team coach is H. W. Cave, associate professor of dairy husbandry.

#### COMPETE WITH BEST

The Kansas team competed with teams from the universities of Wisconsin, Minnesota, Nebraska, Illinois, North Dakota, Michigan, and Missouri, and the Indiana and Iowa state colleges.

Houston was high individual and placed high in judging Jerseys.

#### NATIONAL SHOW NEXT

The team will proceed from Waterloo to St. Paul, Minn., where it will enter the student judging contest of the National Dairy exposition October 9. From 16 to 21 state college teams will compete in that contest. The Kansas team will inspect dairy herds in Austin, Northfield, and other points in Iowa during the next two weeks.

In the last three years the K. S. A. C. dairy judging team has won first place in the National Show, Professor Cave coaching the teams each year. Kansas team won fifth place at Waterloo congress last fall.

## THIRD OF 1922 AGS RETURN TO FARMING

### Half of Class Expect to Practice Agriculture within Five Years—Some Are Teaching

In the 1922 class of K. S. A. C., 69 were agricultural graduates. One-third of the '22 agricultural graduates are now farming for themselves, and one-half of the class intend to be dirt farmers in two to five years. In the meantime they tend to earn funds to farm for themselves.

The class is scattered in Kansas and various parts of the United States to work in Alaska and China. C. H. Morgan is employed by the Territorial Agricultural college at Fairbanks, Alaska. Sylvester J. Coe is doing reclamation work in Florida. J. W. Ziegler is in the swine business in Delaware county, Pa. Wing Kie Lau returned to China to take up the canning business.

These men are teaching in Kansas high schools: N. H. Anderson, Girard; A. J. Englund, Coats; T. O. Garinger, Winchester; E. F. Burk, Garden City; C. F. Hadley, Goffs; W. R. Harder, Coffeyville; C. C. Holmes, Miltonvale; E. E. Huff, Effingham; M. T. Hargiss, Wichita; D. D. Murphy, Delevan; H. A. Myers, Marysville; V. E. Paine, Admire; John T. Pearson, Mankato; O. B. Reed, Humboldt; H. L. Baker, Willington; H. W. Schmitz, Cottonwood Falls; Deal Six, Carbondale; M. E. Ptacek, Mound City; C. M. Wilhoite, McPherson; G. J. Raleigh, Marion; W. C. Cowell, Iola; and C. L. Shelleberger, Burdick.

J. T. Quinn has charge of the horticulture work in the K. S. A. C. home study service. Harold Howe has a fellowship in the University of Maryland. Ross J. Silkett and E. H. Walker have taken up county agent work.

These four men are entering agri-

cultural experiment work—B. B. Bayless, Hays; R. E. Kellogg, Bozeman, Mont.; William Martin, Winfield; and J. M. Moore, South Dakota Agricultural college.

The other occupations represented are commercial agriculture and livestock marketing, soil survey, orchard management, grain inspection, dairy inspection, plant breeding, and landscape gardening.

## KANSAS CLUB GIRLS WIN INTERSTATE FAIR HONOR

### Springdale Clothing Demonstration Team, Leavenworth County, Declared Champion

The Springdale Clothing club demonstration team, of Leavenworth county, which won the grand championship in the boys' and girls' clubs demonstration contest at the interstate fair at Sioux City, Iowa, last week, was organized less than a year ago in a community where there had been no club work before. The Springdale team competed against teams which had been trained for this particular contest for one and even two years.

The three girls on the team, Mary Hassett, Mary Ulrich, and Katherine Ulrich, although not attending high school, are receiving much instruction that they would receive in home economics courses, through the club work. The Springdale Clothing club team was chosen at the Leavenworth county demonstration contest to represent the county at the Kansas Free fair at Topeka. There the team won first honors in the girls' contest and second honors for the fair.

At Sioux City eleven teams entered in the girls' contest and nine in the boys' contest. The Iowa team won the boys' contest and competed with the Springdale girls for the grand championship.

The Springdale team's demonstration was on appropriate dress. Two girls were dressed in the same kind of dresses, but one wore an attractive collar and cuffs, and a simple hat, while the other wore a collar and cuffs ill suited to the rest of the dress, a large quantity of jewelry and a conspicuous hat.

The girls scored high on subject matter, team work and skill. The team was coached by Eleanor Howe, Leavenworth county club agent.

## BURR ELECTED PRESIDENT OF STATE HEALTH ASSOCIATION

### Organization Composed of Several Similar Groups

At the annual meeting of the Kansas State Health association, Walter Burr, professor of sociology and economics, was elected president for the ensuing year. The Kansas State Health association is a federation of a number of health movements and organizations including the State Tuberculosis association of which Professor Burr is a director.

## FOOD CALENDAR WILL COST TWENTY-FIVE CENTS A COPY

### Failure To Mention Price in Industrialist an Oversight

The heavy cost of printing "The Food Calendar" prepared by Nina B. Crigler, has made it necessary to charge 25 cents a copy for the publication. Due to an oversight, the charge was not mentioned in the announcement that the calendar was ready for distribution, which appeared in THE INDUSTRIALIST recently.

A good dairy ration should contain at least two kinds of roughage and three kinds of grain.

## VET CLINIC STARTED

### CONTRACT LET LAST WEEK AT TOPEKA

#### One Wing Eliminated To Come Within \$100,000 Appropriation—Ground Broken This Week—To Stand North of Barracks

After all bids for the erection of the veterinary clinic and hospital building authorized by the last Kansas legislature for the Kansas State Agricultural college had been found to be too high, the south wing of the building as planned was eliminated and the contract was let to the Murch Brothers Construction company of St. Louis for \$90,370. The Murch Brothers company has the contract for the new wing of Waters hall, and as the new veterinary building is to be located just 100 feet west, the firm can work advantageously on the new contract. It will stand just north of the barracks, some 200 feet northwest of the veterinary building.

The plumbing and heating and electric contracts will bring the cost of the building without the south wing to \$96,945.

#### APPROPRIATION \$100,000

The plumbing and heating contract went to the Topeka Engineering company at a price of \$5,588. The electric wiring contract was awarded to the Chase Electric company of Junction City, which bid \$987.

The 1921 legislature appropriated \$100,000 for the erection of the veterinary building. That amount will be almost entirely used up when the heating, lighting, and other accounts are settled. The building and repair department of the college does this work, which it is estimated will cost in the neighborhood of \$2,500, bringing the total expenditure upon the new building to \$99,500.

#### HOPE TO GET WING

Bids for the general contract on the building as originally planned were all in excess of the \$100,000 appropriated. Murch brothers' bid was the lowest, being \$106,000. Other bids were Cork & Ferrier, Manhattan, \$115,000; George E. Dalton, Junction City, \$118,640; Clarence Johnson, Manhattan, \$126,718; Duncan-Lynch Construction company, Kansas City, \$137,209.

The Murch brothers' representative who attended the letting gave the state board of administration the option of adding the south wing, temporarily eliminated, to the building at a cost of \$17,000, provided the option is exercised before March 15, 1923. The 1923 legislature, which meets in January, will probably be asked to appropriate funds to complete the building as planned. The wing which may be left off was planned to house the small animals section of the hospital and clinic building.

Work on the new building started Monday. It will be completed June 15, 1923, and will be equipped and ready for use at the opening of the fall term next year.

Dean R. R. Dykstra and Dr. W. E. Muldoon of the division of veterinary medicine, and G. R. Pauling, superintendent of building and repair, were present when the bids were opened and the contract let at Topeka.

## CHINESE BEST BUSINESS MEN ON EARTH, MISSIONARY SAYS

### U. S. Should Develop Potential Field, F. A. Cool Declares

As a business man the Chinese is the best on earth, according to the Rev. F. A. Cool, superintendent of the Wiley Hospital, Kuties, China.

The United States is the logical supply for the Chinese and exporters should develop the potentialities of the field, he believes. Mr. Cool addressed students of Kansas State Agricultural college in the regular Tuesday assembly of this week. He extolled the industry of the Chinese but stated that a religion of fear and superstition has made it difficult to understand them.

## MORE THAN 4,000 SEATS READY FOR HOMECOMING

### Contractor's Promise Follows Rapid Progress of Last Week—Pour Concrete for Second Unit Monday

More than 4,000 Aggie stadium seats are definitely promised by the contractor to be ready for the Homecoming game, October 28. The pouring of concrete into the forms of the second unit will begin next Monday, and the week following that pouring will start on the third unit.

The forms have been removed from the first unit and a person may begin to get some notion of what the completed structure will look like. Each of the units will seat 840 persons.

At a meeting of the K. S. A. C. Memorial Stadium corporation directors Friday, it was decided to continue the drive for funds to complete the structure this fall. The corporation did not decide upon any definite plan for carrying on the drive, although the advisability of securing the services of an experienced campaign manager was discussed.

## OSAGE COUNTY CLUB BOYS WIN TRIP TO DAIRY SHOW

### Awarded for Placing First in State Contest

The Osage county boys' club team won the boys' club stock judging contest at the Kansas State fair this year. The three boys, Harold Jasperson, Welch Coffman, and Carlos Herold, had a total score of 995 out of a possible 1,350 points. The team was coached by L. H. Rochford, Osage county agent. The boys will receive a free trip to the National Dairy show at St. Paul, Minn., in October.

Second place was won by the Shawnee county team, with a score of 975 points. Meade county took third place with 971 points. High scoring individuals were Harold Leonard, Shawnee county, 360 points; Welch Coffman, Osage county, 358 points; and Roscoe Madison, McPherson county, 352 points.

## CIRCULAR EXPLAINS HOW TO PREVENT SPUD ROTS

### "Control of Sweet Potato Diseases" Name of Publication

Sweet potato growers in the Kaw and Arkansas river valleys who expect to store most of their crop this fall on account of low prices, have been warned against decay in the bins by the plant disease control specialists at Kansas State Agricultural college. E. A. Stokdyk, extension plant pathologist, has published instructions for storing sweet potatoes which will prevent the various rots to which the potatoes are susceptible.

The instructions, contained in extension circular 30, "Control of Sweet Potato Diseases in Kansas," suggest to the grower inexperienced in storing, methods of disinfecting the bins, curing potatoes and checking rots already started. The circular may be obtained on request from the extension division, K. S. A. C., Manhattan.

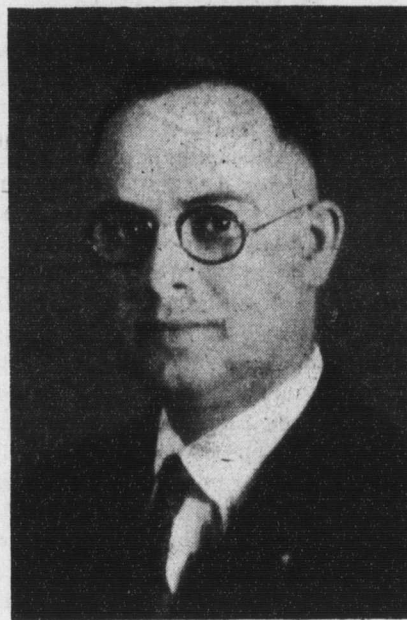
Not all fertilizer comes in burlap sacks. Some of it is in straw stacks.

## HONOR TO E. T. KEITH

### NATIONAL ASSOCIATION NAMES HIM PRESIDENT

#### Organization of Printing Teachers Has Membership Throughout Country—Leading Article in Official Magazine by New Head

E. T. Keith, associate professor of printing in the Kansas State Agricultural college, was named president of the National Association of Printing Teachers in a mail election, the result of which has just been announced. The National Association of Printing Teachers is the official



EDGAR TALBERT KEITH

body of directors and teachers of schools offering instruction in printing in the United States.

#### WRITES LEADING ARTICLE

The leading article in the September number of the Printing Teacher, organ of the association, was written by Professor Keith. The article is devoted to a description of the K. S. A. C. printing plant and an explanation of the course in printing offered by the college.

#### BELONGS TO CLASS OF '12

Professor Keith has been in charge of the mechanical side of the department of industrial journalism and printing since 1916. Previous to his entering K. S. A. C. as a student in 1908 he had worked from "devil" to foreman in the office of the Council Grove Republican. Graduated from the course in printing in 1912 he took a job as press feeder in the department print shop, working to his present position by 1916.

## POTATO SHOW TO BE AT TOPEKA NOVEMBER 8-10

### All Phases of Potato Production Included in Program—Exhibits in Charge of F. O. Blecha

Arrangements are well under way for the second annual Kansas Potato show, which will be held in Topeka, November 8, 9, and 10. Interest aroused among the growers by the potato show held in connection with the Kansas Free fair is expected to increase the number of exhibits at the November show.

In the program at the show all phases of potato production will be taken up. Results of experiments on disease control, insect control, and soil improvement will be presented by specialists from Kansas State Agricultural college and by well known growers from Kansas and other states.

Exhibits of Kansas potatoes, northern grown seed, sweet potatoes, and potato planting, spraying, and harvesting machinery will be shown. Exhibits are in charge of F. O. Blecha, county agent, Topeka. The show was held in Kansas City, Kan., last year.



## THE KANSAS INDUSTRIALIST

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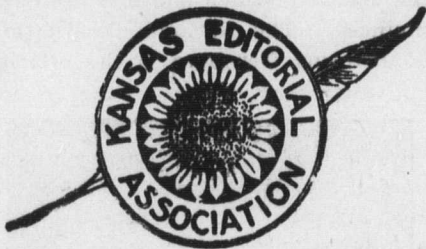
W. M. JARDINE, PRESIDENT....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. W. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, SEPTEMBER 27, 1922

### THE RURAL SCHOOL PROBLEM

There are approximately 200,000 one-teacher schoolhouses in the United States. Add to this number the thousands of rural school buildings with more than one teacher each, and you have some conception of the importance of the rural school. The chances are you thought it less significant than you will think it, once you have reflected on these figures.

The problem of the rural school is chiefly this. The rural school has not advanced as other institutions have advanced. Backward-looking folk point to the accomplishment of the rural school of half a century ago, to the men and women of ability and integrity who went out from it to take important places in the life of the world.

All this may be frankly admitted without altering the situation in the least. The difference between the rural school in those days and any other sort of school was not so marked as it is now. The country school has advanced since those days, but the city school has advanced faster. (This is to throw no particular bouquets to the city schools; anybody in educational work knows that no school anywhere, from the kindergarten to the graduate college, is the educational institution that it should be.)

This is wrong. The difference between rural and city education, in point of quality, should be reduced and in time absolutely eliminated. There is no excuse for giving a country boy or girl less opportunity than any other boy or girl. It is true that he or she has certain opportunities for education outside of school that the city child lacks, but this argument is beside the mark. The city child has also certain special opportunities. The country child is entitled to as good education as the nation affords. From a purely selfish standpoint, the nation cannot afford to let standards of intelligence fall in the ranks of those engaged in its most important industry, farming.

There should be differences between the kind of work done in city and in rural schools, because students in the two types of school have different environments, different interests, and different outlooks upon life. But there is no excuse for difference in quality.

### CORN TASSELS IN FIGHTING TRIM

A few years ago the rage was all for contests to determine which girl in America or France or Africa or the British Isles had the most beautiful face. Then came the awarding of medals to the girl with the most

beautiful arms. Then came feet and ankles, and next the committees were adjudging beautiful legs. Now France, England, the United States and others are putting forth claims of ownership of girls with beautiful backs. And the girls are, one might say, stripped for action, awaiting another beauty call for Lord knows what.—Concordia Blade.

The autumn poets have been having a heck of a time lately. They can't make "Gompers" rhyme with "injunction."—Kansas Optimist.

### NOTHING TO THEIR CREDIT

Men brag about coming from a good family, says the Norton Champion, just as if they had had something to do with it.

Eventually, sighs the Altoona Tribune in an infinitely tired voice, your wife will call you "papa," and you will call her "mamma."

The Chapman Advertiser states that 23 robberies have been committed in that city since the first of the year. With that number, says the Enterprise Journal hopefully, the work ought to be completed.

### THE ONLY REASON

A gloomy young poet sent a poem to a paper, reports the Bonner Springs Chieftain. It was called "Why Am I Alive?" The editor returned it with a slip on which was typed, "Because you sent this instead of bringing it personally."

"Brother Philander," said I to our boss deacon the other day, "I always have a headache on Sunday and can't do a thing. What would you do about it?" "If it were we," replied Philander, "I would try to have the headache on Monday. Having to suffer with a headache on the boss's time is bad enough, but it is worse to endure the torture at your own expense." As a healer Philander is the best financier in our church.—Clifton News.

### THE SECRET OF HAPPINESS

Our neighboring county of Brown is conceded to be one of the best counties, agriculturally, in the state, says the Holton Recorder; but politically, she is, to say the best, unfortunate.

Three of her most prominent citizens were defeated at the late primary, Lambertson for governor, Smith for attorney general, and Stuart for district judge.

If Brown were modest like Jackson, and did not ask for anything, she would escape disappointment. Holton has not asked for a state office for nearly a half century, and did not even get her man nominated when she did ask. True, a Holton man was drafted to take the nomination for lieutenant governor on the Bull Moose ticket, but that did not count.

### A QUARTER CENTURY AGO

Items from The Industrialist, September 27, 1897

President Will has bought himself a bicycle.

Ada Rice passed vacation in Colorado and Nora Fryhofer in Ohio.—Riley County Educator.

John Vernon Patten, '95, made the college a visit today. Mr. Patten is teaching near Rossville.

Emos Harold, foreman of the iron shop, is building an addition to his residence near the college grounds.

Professor Walters is enjoying a visit by his sister, Mrs. Broadhead of Kingfisher, Oklahoma Territory.

B. Buchli, M. Sc. '87, of Alma, has been nominated a candidate for the county clerk's office of Wabaunsee county.

Miss Nellie Henderson of Alma, one of our brightest second years of last winter, visited her friends at the college, last Tuesday.

Prof. Paul Fischer, exofficio state

veterinary surgeon, was called to Goddard one day last week to investigate a case of glanders.

J. N. Limbocker, president of the board of regents, attended chapel exercises on Tuesday morning, and addressed the students and faculty. He was heartily applauded.

One of the questions of today is, What can be done for the increasing number of students who cannot be assigned to seats in chapel? Every available seat is occupied and the orchestra pit is crowded with chairs.

The college has received several applications for assistance in farmers' institutes. It is probable that about 20 institutes will be favored this winter by college delegations, and farmers' clubs who wish to get assistance should call early.

At the meeting of the Manhattan horticultural society, held at Castle Kimble last Thursday afternoon,

of the Kansas Academy of Science will be held at Baker university, Baldwin, October 27, 28, and 29. Titles of papers which are to appear on the printed program must be in the hands of the secretary before October 15, '97. Prof. E. B. Knerr of Atchison is the secretary.

The new domestic science building begins to put on a finished look. The roof is nearly shingled; the carpenters are working on the cornice; and the plasterers have nearly completed their work on the first floor. Today Professor Walters located the cistern and the cesspool. One more month will probably finish the entire structure.

The sewing machines of the domestic science department were overhauled and oiled up by Mr. Hayden of Manhattan today. It is possible that another week will also see the equipment increased by at least four

## The Function of a Newspaper

Henry J. Allen in the Wichita Beacon

There is a saying among newspaper men that the whole function of a newspaper is to print the news and to give the people what they want.

The Beacon's conception of a newspaper's duty is that it is 100 per cent its duty to print the news, but there are additional percentages which it must assume in order to merit that moral support of the community which we consider indispensable.

It would not be worth while to publish a newspaper purely as a business proposition, even though it might prosper. The additional percentages are concerned with those moral obligations which come along with the privilege of talking to the public every day.

These percentages are concerned with the laying of substantial foundations deep under the consciousness of the public.

The right-minded newspaper often does things that are for the time unnoticed. They may even bring on censure, with no praise. They may not cater to the passions or prejudices of the people. But they do form a part of the moral fiber of the community. Hidden deep under the surface they may never come to light except in times of great stress or emergency, when there is a rigid test.

The newspaper that can not pass such tests cannot be called anything but a money-making device, without ideals, without responsibility to the public.

It is sometimes a challenging responsibility to publish a newspaper. It is a thing that hammers continually—every day—softly upon each door, like the falling leaves or snow. But the accumulated weight is that of an avalanche.

Professor Willard read a well prepared paper on "Food Values of Fruits," and Professor Walters gave an interesting talk on "The Past and Future of the City Park."

The Manhattan trade carnival on Saturday, November 13, in connection with C. P. Dewey's annual corn festival, has already attained large proportions. The executive committee has secured over \$400 in cash to be offered as premiums and new features are being added daily.

The botanical department has sent a neatly drawn, large map of Manhattan and vicinity to the engraver. The map will be used by the students to mark the place where they found rare plant specimens in their collecting excursions. Miss Bertha Kimball did the pen work of the original.

And still they come! The number of undergraduates assigned to classes at the close of last week was 587. This week the attendance has grown by over a dozen names, so that over 600 undergraduates are actually present now. This, with the post-graduates, raises the total number to nearly 650.

The college has been notified that the government will send experts to assist in making the tests for tuberculosis in the college herd of cattle October 20, and the faculty have made arrangements to give the seniors in the farmers' course a chance to attend the test and autopsies, which may occupy a full week.

The twenty-ninth annual meeting

new machines. The number of young women in sewing has increased so rapidly that the means are entirely inadequate.

The Russell Reformer speaks of two of our graduates in the following manner: "C. A. Johnson left on last Tuesday for St. Louis, Mo., where he goes to enter the Barnes Medical college for a three years' course in medicine. He planned to stop en route at Manhattan to greet old college friends. His brother, John J., expects to leave Russell county today for the same destination and with the same object in view. The Reformer wishes you success, dear friends, in your chosen calling and as this profession, like ever other, has unlimited possibilities, we hope to see you both at the top." THE INDUSTRIALIST joins in these good wishes.

Next time you lack cream for coffee, heat some milk to the boiling point, put it in the bottom of the coffee cups, and pour the coffee on it slowly.

Why not fasten the ironing board to the wall with a pair of hinges? Use hinges also to attach a leg to the free end of the board, which can then easily be folded up out of the way.

Aunt Ada's Axioms: Some folks don't stop to think that their thoughts and actions of today will be repeated by their children through the years to come.

## CHARMS

Louise Driscoll in the Milwaukee Arts Monthly

I heard the hooded owl cry,  
He told me to go carefully.  
There was no path at all, but I  
Tried not to let the moon get me.

I wanted to go on and see  
What magic waited—so I made  
A little charm that I could say  
To keep me unafraid.

Briar, thistle and thorn  
And teasle seed,  
Mandrake apple unborn.  
Wait on my need!

Close the evil way,  
Give me the scent I know,  
Turn me when I stray,  
And let me go!

The wood that I went through  
Was full of muttering.  
I felt the edge of fur  
And wind of wing.

Partridge-berry, burn!  
Willow-wand, bend!  
Show me the turn.  
Lead a friend!

Then the offended moon  
Drew her scarf of blue  
Over her wicked eyes  
As if she knew

She couldn't catch me  
In her silver net,  
But I thought perhaps  
She was watching yet.

So I said—

Small blue flower  
With a green hood,  
Mark my way  
Through this wood.

Thimble-berry  
And red rosehips,  
Give your grace  
To my fingertips!

### BUT SISTER WON'T RESIGN

America is far from being the only country in the world whence come "emancipated" women, but it is rather curious to note that an interesting controversy involving the new rights of the gentler sex should center around a brilliant Bulgarian woman, Mlle. Stantinoff, who has been appointed to a responsible position in the legation at Washington.

Mlle. Stantinoff's brother emerges from the semi-obscure of a legal career in Paris to cable his more distinguished sister that "woman's place is in the home; her work is to rear children, not diplomatic arguments," etc.—everybody has heard that sort of stuff many times.

There is incidentally a bit of delicious irony in the fact that Brother Stantinoff owes his brief conspicuousness to the fact that he is brother of the sister whom he lectures so severely. But for her, it is extremely doubtful if he would ever have been heard of outside the classic precincts of the Sorbonne—and perhaps not in all corners of that historic institution.

In the meantime, Mlle. Stantinoff gives no indications of resigning her position, marrying and devoting herself to the career which her brother has mapped out for her as an incidental representative of her sex. The probabilities are that Brother will grind away at his law books in the quiet of the classroom, while Sister will blazon her way through the career which she has chosen. If Sister ever marries and has need of a lawyer's services, she may throw a bit of business the family way. But she is only a potential client at this writing.—Kansas City Journal.

Cows that are in good condition when they freshen are best fitted to do their year's work in milk production. They start with a greater milk flow and milk longer than those starting their lactation period in poor condition.

A Hutchinson man has a goat dairy with more than a dozen milk goats. The goats get their feed from weeds growing on an old cinder dump.

Starting fattening turkeys on wheat and oats and gradually shifting to corn will prevent scours, which sometimes result when the turkeys are started on new corn.



## AMONG THE ALUMNI

Conie C. Foote, '21, is teaching in the Kirwin consolidated schools.

Wilma Orem, '10, has removed from Santa Ana, Cal., to Mentone, Cal.

R. C. Ketterman, '15 is teaching vocational agriculture at Havensville.

F. Rocchina Parker, '19, has removed from Argonia to Ottawa, Route 4.

Martha Marie Coons, '09, is manager of the high school cafeteria in Kansas City, Kan.

Earl F. Burk, '22, is director of agriculture in the vocational agriculture high school, Garden City.

F. N. Gillis, '03, is vice president of the First State bank, Wishek, N. D., with capital and surplus, \$20,000.

Milo Hastings, '06, is director of the food research laboratory of Physical Culture. He lives at Little Silver, N. J.

Clinton Guy, '21, is principal of the high school at Argonia, teaches manual training and agriculture and coaches football.

Edward M. Parrish, '14, a life member of the alumni association, is with the Industrial and Educational institute, Topeka.

Elva Mall, '18, is director of the junior high school cafeteria in East St. Louis, Ill., and lives at 556A Washington place.

H. Clay Lint, '11, Great Meadows, N. J., is in charge of experimental and educational work for the Texas Gulf Sulphur company.

Ruth R. Phillips, '19, is now in charge of home economics at Windsor, Col. The school includes a \$45,000 home for the teachers.

Hazel Shellenberger, '14, has returned to Chisholm, Minn., quitting her work as assistant state supervisor of home economics in Vermont.

William A. Lathrop, '15, with the Western Electric company, Chicago, now has a suburban address. He lives on R. F. D. No. 1, Downers Grove, Ill.

Lulu E. Stallman, '12, recently assistant in the metabolism department of Vanderbilt clinic, New York, is now at home, 108 Seventh avenue, Hutchinson.

Lois Stewart, '14, formerly instructor in the department of foods at the University of Wisconsin, is now at Yale studying for an advanced degree.

H. D. Linscott, '16, captain, U. S. marine corps, is with the second brigade at Santo Domingo, Dom. Rep. Address him in care of the Postmaster, New York.

Alice Terrill, '13, formerly educational director for the Kansas State Tuberculosis association, now has a secretarial position with the International Milk Dealers' association, Chicago.

Leo S. Price, '11, and Vida (Cowgill) Price, '12, live at 826 Clayton street, San Francisco. Leo has been employed by the Standard Oil company of California for the last four years.

Edna St. John, '15, has enrolled in the graduate school and is at work on a master's degree. She formerly was instructor in foods in the School of Industrial arts, Denton, Texas.

Margherita (Scott) Probst, '13, Arkansas City, hopes to get back for Homecoming day, and incidentally is wondering if the class of 1913 is beginning to plan something special for next spring.

W. P. Hayes, '13, formerly assistant professor of entomology, is an instructor in entomology at Cornell where he is taking advanced work. His address is 103 Renwick Heights road, Ithaca, N. Y.

Anna W. Searl, '15, is home ad-

visor of Livingstone county, Ill., with office at Pontiac. Her summer was spent at the University of Chicago where, she says, "the K. S. A. C. people had some delightful 'get-together' affairs."

P. C. Manglesdorf, '21, is assistant plant breeder and D. F. Jones, '11, is plant breeder at the Connecticut agricultural experiment station, New Haven. Manglesdorf spends the winter months in Boston taking graduate work in genetics at Harvard university.

G. Marie Strowig, '18, 1320 Topeka boulevard, Topeka, has resumed her work of last year as home economics teacher and lunch room manager of Garfield prevocational school. She attended Berkeley summer school in California "and went to a K. S. A. C. picnic where there were about 40 of us together, among them Dean Thompson, Mr. and Mrs. Elmer Kittell, Florence Justin, Verbal Cravens, and Ann Roennig."

### J. E. Beyer Gets Promotion

J. E. Beyer, '21, who since his graduation has been with the Southwestern Bell Telephone company of St. Louis has resigned his position with that company and has accepted the position of service field man for the Du Quesbe Light and Power company of Pittsburg. Beyer was recommended to this company by the Westinghouse Electric company, and stood at the head of a list of 100 men who were wanting this position. Address Beyer at 6328 Marchand, East End, Pittsburg, Pa.

### The Trials of Big Business

R. S. Kellogg, '96, 342 Madison avenue, New York, contributes this log, written August 21:

"The last of May Mrs. Kellogg, the small boy and I loaded our camp duffel into the car and headed for the Lake states. We had a delightful visit with Professor Olin and wife at Akron, Ohio, where he has been for the last twenty-three years and for some time vice president of the Municipal university. Despite his fifty-two years of teaching Professor Olin is as vigorous as ever and says he will keep at it until he is 75 when he will retire to a little fruit farm near Akron, which he has been developing for several years. Judging by the examples of Professor Olin, Walters and others, spending one's early days in Kansas is conducive to a long life of usefulness.

"We spent a few days at Chicago with the other half of Hall, Kellogg & Co. (W. L. Hall and wife) and then went up to Madison where we saw Mrs. Kedzie, Dan and Mary Otis and others. Then we journeyed to our own home town of Wausau and put in three weeks there in the Upper Peninsula of Michigan.

"We did a lot of other traveling and piled up nearly five thousand miles before we got back here. Saturday we expect to start on a two weeks expedition through the Berkshires, the White mountains and Maine, with a boat trip over into a lumbering operation in New Brunswick."

### Michigan Alumni Organize

At a recent meeting in Detroit, the Michigan Alumni association was organized with Dr. R. H. Wilson, '09, of the Rochester, Mich., Biological farm, as president, Dr. Frank K. Hansen, '19, of Lansing, vice-president, and Lenora B. Nicolay ('10-'12), secretary. A permanent organization was effected the last week in July at a meeting in Lansing.

## DEATHS

### HARRIET V. PERRY

Mrs. Harriet V. Perry, instructor in music in the agricultural college from 1869 to 1877, died at Sanford, Fla., July 25. She was 78 years old. She is survived by a daughter, a son, and a brother.

## MARRIAGES

### POTTER-FREYTAG

Mr. Frederick C. Freytag and Miss Evelyn Marie Potter, '15, were married September 1 at the home of the bride's parents, Mr. and Mrs. E. H. Potter, 925 University avenue, Boulder, Col. Mr. and Mrs. Freytag are living at Idaho Springs, Col., where Mr. Freytag is principal of the high school.

### MORRIS-ALLEN

Miss Grace Morris, '09, was married to Mr. A. W. Allen of Kansas City, Kan., in August. Mr. Allen is assistant principal of the junior high school.

### PRICE-SCOTT

Miss Mary Louise Price, '16, instructor last year in the department of chemistry, was married August 29 at the home of her parents in Winfield, Iowa, to Mr. John M. Scott, research chemist, Anaconda Copper mines. Mr. and Mrs. Scott are living at Anaconda, Mont.

### ATKINSON-MACMILLAN

Captain Roscoe I. MacMillan, '17, and Miss Annabel Atkinson were married August 23 at Augusta, Ga. They will be at home at Fort Benning, Ga., for the winter. Captain MacMillan's address is Box 384, Infantry School.

### A Duty for Graduates

"I feel that the alumni association is doing a mighty good work," writes W. H. Olin, '89, "and I am only too glad to have the privilege of giving a word of encouragement and put in a few dollars to help the good work along.

"I feel that every graduate of K. S. A. C. should do his or her utmost to be active in this work and encourage our alumni officers with their dollars, their good wishes and their earnest support."

Mr. Olin is supervisor of agriculture with the Denver and Rio Grande Western Railroad company, Denver.

### Hopeful Future for Future Hopefuls

"We are hoping for the very best year ever for K. S. A. C.," wrote Jay W. Stratton, '16, and Gussie (Johnson) Stratton, '19, early in August from their Fairmount (Kan.) home. "And we are teaching our future hopeful to say 'Beat K. U.' He hasn't quite accomplished it yet but we think that by next November first he will be able to say 'We Beat K. U.'"

This will inform Mr. and Mrs. Stratton of the next step in the course of study for Clyde and Mary. It is, "Beat N. U." The Aggie football disciples are after the biggest fellow in the valley this year and they may get him.

### Dean Working Back Home

D. W. Working, '88, who last June resigned the deanship of the college of agriculture, University of Arizona, is now at his old home near Denver. His address is Route 2, Capitol Hill station, Denver. He writes that he sees George C. Wheeler, W. H. Olin, and other Kansas Aggies occasionally.

### Cliff Stratton Up a Rung

Cliff Stratton, '11, the first executive secretary of the K. S. A. C. alumni association, has been promoted to managing editor of the Topeka Capital. He resigned as alumni secretary in June to return to the Capital. In announcing his appointment the paper stated editorially, "Mr. Stratton is a seasoned newspaper man, widely and favorably known in the state."

He has served as political reporter for the Capital for a number of years, his connection with the paper having been broken by service in the war and his position as alumni secretary. Since his return to the paper

in June he has covered the state house run. He succeeds Charles Sessions as managing editor. Mr. Sessions resigned to become postmaster of Topeka.

### Swanson, '19, Writes Bulletin

A. F. Swanson, '19, assistant agronomist in charge of cereal investigations at Hays station, was in Manhattan last week. He is preparing a manuscript with John H. Parker of the agronomy department on the inheritance of characters in sorghums which will be published as a United States department of agriculture bulletin. This manuscript embodies the results of four years' cooperative work at the Hays and Manhattan stations.

Mr. Swanson will spend next school year in graduate study at the University of Minnesota, majoring in plant breeding.

### Colorado Alumni Fry Steak

The Boulder (Col.) chapter of K. S. A. C. alumni and friends enjoyed a beefsteak fry at the Split Rock spring up Bluebell canon August 15. After supper college songs were sung and the old days talked over. These persons, Helen Haines, '13, writes, were present:

Harvey A. Burt, '05, and Mary (Strite) Burt, '05, Boulder; Fred H. Dodge, '21, and Myrtle (Hutto) Dodge, Manhattan; Edythe (Wilson) Thoesen, Boulder; Flossie (Davis) Meyers, '14, Abbeyville; Bernice Fleming and Evelyn Gaston, Wakefield; Norma West and Vera May Campbell, Kansas City; Clytice Ross, '16, Burrton; Marcia Tillman, '16, Mankato; Anna Ernsting, '17, Ellinwood; Anna Poland (f. s. '13-'15), Lyons; Ina F. Cowles, '01, Manhattan; Grace Craven, '14, Evelyn Potter, '15, and Helen Haines, '13, Boulder, Col., and J. E. Sellers, Manhattan.

A group of girls, Aggie graduates and former students, had a line party at a Boulder theater the next Monday evening. Refreshments were served after the show. The party, Flossie (Davis) Myers, Clytice Ross, Marcia Tillman, and Anna Poland, students in the University of Colorado summer school, and Grace Craven, Evelyn Potter, and Helen Haines of Boulder.

The same group, learning that Evelyn Potter was soon to be married, surprised her with a shower August 28.

"Most of the girls who were here," writes Miss Haines, "were teachers. One or two admitted they also were 'waiting.' Our festivities ended with the shower. We are going to start earlier next summer."

### Olof Valley Foils Bandit

Olof Valley will be remembered by students of a decade ago as head of the music department at the college. He weighed about 270 pounds and had what one enthusiastic admirer described as a "deep, rich, velvet voice."

Olof was one of the few members of the faculty family who were in the air service during the war. A. G. Kittell, '09, reports that Valley still is with the air service, has reduced his weight considerably, and recently came off victor in an encounter with an Omaha bandit.

Valley and Mrs. Valley were visiting in Omaha at the time. They alighted from the street car and started for their apartments when the bandit appeared.

"Stick 'em up," the bandit commanded Olof, pointing the automatic at him.

Olof held them up. "What do you want?" he asked.

"Money," the Omaha citizen announced.

"This was too much," Kit says. "Olof lunged forward, knocked the gun from the bandit's hand, and made a grab for him. The bandit ran down the street, and Olof, not having an airplane handy, was not fast enough to catch him, and the poor fellow escaped."

## LOOKING AROUND

OLEY WEAVER, '11

A "good luck" chain letter got into this office the other day from Victor Obefias, '09, in Camarines Sur, Philippine Islands. Contrary to explicit instructions, the chain now is broken. This one is offered to replace it:

Copy this and send it to five of your friends among Kansas State graduates. I am an active alumnus because I believe the things I wish done for K. S. A. C. can not be accomplished unless all of us work together. I am strong for the alumni association and have paid my dues as an active member to Commencement 1923. Have you?

That kind of a letter would bring good luck, good cheer, and handsome reward.

Speaking of rewards, the students several years back honored Mike Ahearn by affixing his name to the college athletic field. It seems now that the name never was recognized officially although it is used in student and alumni publications. It is so referred to in alumni correspondence.

Haven't heard that any one was opposed to the name, but Mike now is director of athletics. Seems there is no precedent for flowers to the living. After Mike is gone the college may have officially an Ahearn field. But why not now?

A higher standard of scholarship is the end sought by adoption of the point system, mentioned in this newspaper last week. No longer may a person be graduated who has succeeded in making only passing grades. Alumni who have been insisting on a stiffening of the curricula and elevation of scholastic standards at K. S. A. C. found pleasure in the announcement.

Yet another measure was announced by the president at the beginning of the fall semester, to make life difficult for the loafer student. Rather, the announcement dealt with the enforcement of an old measure. It is that when a student acquires 10 unexcused absences he is suspended. The suspension is of his own making; the possibility of resuming his college work rests with the president.

Athletes, it has been intimated, are not to be exempted from these rulings.

The junior now often has acquired as much technical knowledge as had the graduate of not so many years ago. And many a grad. may congratulate himself on having taken his degree before the entrance and scholastic requirements were brought to the present standing.

### Aggie Athletes in National Meet

Ray Watson, '21, and Earle W. Frost, '20, entered the National A. A. U. championships at Newark, N. J., September 9. Watson met Jole Ray, whom he had defeated previously, in the mile run and took fourth place. Ray's time was 4:17 1-10. Frost was a runner up in the pole vault but did not place.

Both men visited the college last week. Watson is now a traveling salesman for Dieges and Clust, Chicago. Frost is completing his study of law at Columbia university, New York.

### An Aggie House Party

These were guests at a week end party, August 26, at the home of Faye Williams, '20, Gardner: Edna Wilkin, '20, Lyndon; Alma Wilkin, '20, Lyndon; Elizabeth Whetstone, '20, Pomona; Faye Powell, '21, Iola; Anna Lorimer, '20, Olathe; Genevra Adams, '20, Atchison; Elizabeth Greenlee, '21, Kansas City; Mary Johnston, '20, Gardner; Gladys (Love) Langdon, '20, Kansas City; Mildred (Arends) Hedrick, '20, Gardner, and Bess (Thomen) Cramer, '18, Gardner.



## CHANGES IN EXTENSION

### RESIGNATIONS AND APPOINTMENTS ARE ANNOUNCED

Nearly Every Department of K. S. A. C. "Grass Roots" Division Affected—All Vacancies Not Yet Filled

Changes in the personnel of the extension division of Kansas State Agricultural college caused by resignations and appointments since the close of the 1921-22 school year have been announced. Practically all departments in the extension division report changes.

Dr. D. E. Davis, who was graduated from Kansas State Agricultural college last year, has been employed as extension veterinarian to succeed Dr. T. A. Case. Doctor Davis during his last year here did special work in poultry and bacteriology. He formerly was employed by the University of California in the manufacture of hog cholera serum.

#### CRANDALL TO CORNELL

V. M. Williams has been appointed as extension dairyman to fill the vacancy caused by the resignation of W. T. Crandall, who is now in the dairy department of the New York college of agriculture at Cornell university. Mr. Williams was formerly instructor in dairy husbandry at the Minnesota college of agriculture.

T. J. Talbert, for three years head of the department of institutes and extension schools, is now head of the horticulture department at the University of Missouri. Mr. Talbert is a native of Missouri and was formerly extension entomologist in that state. His successor has not yet been appointed.

#### NEW EXTENSION POULTRYMAN

J. J. Bayles, extension agronomist, left September 1 to take up his new work as superintendent of the Texas Irrigation Experiment station at Balmore, Tex. Mr. Bayles had been with the division since January, 1921. Previous to that time he was superintendent of the state experiment station at Colby. He was assistant secretary of the Kansas Crop Improvement association for the past year.

The position of extension poultryman, made vacant by the resignation of N. L. Harris, has been filled by D. J. Taylor of Southbend, Ind. Mr. Harris resigned to take up work as field agent for the Premium Products company at Topeka.

Mrs. Mary W. MacFarlane, head of the extension home economics department, will leave this month for Chicago, where she will take graduate work in the school of social administration at the University of Chicago. Mrs. MacFarlane is a member of the state code commission. She has also been chairman of the home economics department of the State Parent-Teachers' association. Miss Nina B. Crigler, home demonstration agent leader, will take charge of the home economics work temporarily.

#### ATTEND SUMMER SCHOOL

Miss Susanna Schnemeyer, extension foods specialist, was in Chicago on leave of absence during the summer months and her place was filled by Miss Jessie Adey, who was graduated in home economics last year. Miss Maude Finley, millinery specialist, took special work in summer school at Columbia university. Mrs. Rose Finley Mack conducted the millinery work during her absence.

Miss Luella Sherman, who was graduated last year from K. S. A. C., is now assistant state leader in boys' and girls' club work. While in school she was active in student affairs, having been a member of Omicron Nu and Phi Kappa Phi, a "K" debater, and secretary of the class of 1922. During her senior year she received the Sharples scholarship fund of \$500.

Two additions have been made in

the home study department. Miss Margaret Dubbs, a graduate of K. S. A. C. last year, has taken over the correspondence work in home economics, and Mrs. Marcia Hall succeeds Mrs. Edith Haworth as instructor in English. Mrs. Hall is a graduate of the University of Wisconsin and previous to her employment here was a teacher of English and news writing in the Great Bend high school.

Various changes have been made in the county agent staff. E. L. Garrett, formerly in Comanche county, has gone into county agent work in Missouri. J. B. Peters, a K. S. A. C. graduate, replaces Mr. Garrett in Comanche county.

R. P. Schnacke has resigned as Pawnee county agent and Carl P. Howard succeeds him. E. A. Herr will replace Mr. Howard in Ellis county.

J. F. Brown has been appointed temporarily to replace Duke D. Brown in Hodgeman county, the latter having been ill for several months.

#### PTACEK QUITS TO TEACH

Leo D. Ptacek, who was graduated from K. S. A. C. in 1920 and for the past year has been county agent in Ness county, is now engaged in teaching. His successor has not yet been appointed.

William H. Brooks, who has been Miami county agent for several years, has gone to California and E. H. Walker has taken his place.

No agent has as yet been selected to fill the place made vacant by the resignation of J. F. Eggerman as agent in Wichita-Greeley counties.

### REVIEWER COMPLAINS OF NUMBER OF POOR BOOKS

Only One Extraordinary Piece of Fiction Published in Last Year, Louis Mecker Declares

"Book reviewing—is just one poor book after another! During the spring freshets and the fall floods from the publishing houses I suppose there isn't a day passes but that somewhere somebody is quoting that age old complaint, 'Of the making of books there is no end'. I have quoted it myself, no doubt more than once. But I should like to revise it thus, 'Of the making of poor books there is no end'."

This, in part, is the inside story of the book page editor as told to students of journalism at the weekly lecture period Monday by Louis Mecker, editor of the Kansas City Star book page.

Only one piece of fiction published in the last year stands forth as an extraordinary piece of work in Mr. Mecker's opinion. That book is "Maria Chapdelaine" by Louis Hemon, for some unaccountable reason a best seller, he said.

"More people, in all likelihood, read book reviews than formerly," he continued. "Much greater space than was possible not so long ago is now given to books of distinctly literary character. The signed review too has become much more general. This doubtless has made for more responsibility. The tendency now is to obtain the judgment of specialists living everywhere."

Mr. Mecker gave a number of practical suggestions to journalism students who are particularly interested in becoming book reviewers.

#### AHEARN CANCELS ENGAGEMENTS WITH CHICAGO U. TENNIS TEAM

Lack of Material Given by Aggie Director as Reason

Lack of Aggie tennis material caused Mike Ahearn, Kansas Aggie athletic director, to cancel an engagement to meet the tennis team of the University of Chicago here Tuesday. Chicago university sent out its tennis team for a trip through the Missouri Valley conference with the idea of establishing more cordial relations between the Big Ten school and the Valley schools.

## AGGIES CLASH FROSH

### FIRST SCRIMMAGE ON AHEARN FIELD SATURDAY

Getting Ready for Washburn Here October 7—Changes in Shift Problem—Eight K Men Back—Freshmen Number 70

Forty-nine Kansas Aggie regulars had their first scrimmage of the season with the freshman team on Ahearn field Saturday. The scrimmage took the form of an informal game with the coaches following up varsity men and correcting errors. All varsity men were given a chance.

One problem which faces the Aggies is changing the offensive tactics to conform to the new ruling on the shift. Just how the officials will interpret the rule concerning a full stop is a matter of some speculation but Coach Charles Bachman is not taking any chances. The Aggie backs are being trained very carefully to come to a clear, distinct stop between the shift and the play.

"I cannot see that it will materially change the game, except to slow it down somewhat," Coach Bachman said. "I do not anticipate any difficulties regarding violations of it, for the rule is very plainly written."

#### BASED ON SHIFT PLAY

The Aggie offensive, under the adapted Notre Dame system inaugurated here by Coach Bachman two years ago, is based largely upon shift plays.

The Aggie team probably will suffer somewhat in weight as compared with the other teams in the valley which it will oppose. An average of the 49 men eligible for the varsity team is 174 pounds. The average weight of the forward wall is 179 pounds, although there are six men eligible for conference games who average more than 190 pounds. The back field men average 157 pounds, although the regulars probably will average even less than that. The team will be no heavier than last year's, which underweighed Oklahoma between 10 and 15 pounds per man.

The coaches are beginning already to emphasize the great importance of the Nebraska game in the Aggie schedule. It is the first time in a number of years that the Aggies will have met the Cornhuskers in football, but the Nebraska athletic authorities recognized Bachman's men as worthy opponents by giving them the Homecoming game.

#### TWO LETTER MEN OUT

All of the eligible letter men whom the coaches counted upon returning this year, excepting "Susie" Sears, full back, and Axline, quarter back, have reported for practice. Sears is expected in the first of the week. Axline, who was athletic director of one of the Wichita junior high schools last year, signed up for the 1922-23 school year at the close of the last school year. After attending summer school at K. S. A. C. he decided that he would like to return to college and finish his work this year. He has been trying to obtain a substitute for his position at Wichita but so far has not been able to do so.

#### LEFT SIDE WEAKER

Only eight of last year's letter men have returned. They are Hahn, Schlinder, and Nichols, in the line, Sebring, end, and Swartz, Stark, and Burton in the back field. This is not as good a nucleus with which to work as that which reported for practice at the beginning of the 1921 football season, when eleven letter men were eligible.

The left side of the Aggie line is considerably weaker than the right side. Coach Bachman must train a center from his freshman material of last year. The back field probably is better off than the line. Burton and Swartz, the halfback K men, have had a year each of the Bachman style of play. Swartz, the quarterback K man, was the unanimous choice of the coaches in the valley for all conference quarterback on the second

team last season. Butcher and Clements, fullbacks who were substitutes on last season's team, will give "Susie" Sears considerable competition for his position, while Brown, of the 1921 freshman team, bids fair to keep Swartz on his toes to retain his prerogative as Aggie pilot. Yandall and Shaw are showing up especially well at half back, while Rheburg and Rucker are promising material for the back field.

#### A FRESHMAN TEAM OF 70

The Aggies open their season here October 7 with Washburn. The coaches expect a stiff game. A more formal practice contest will be held next week, Coach Bachman announced. Ted Curtiss' freshmen will be in a better position to oppose the Aggies by that time. Seventy freshmen have drawn uniforms for the freshman team.

### ONLY ONE CROSS COUNTRY "K" MAN BACK THIS FALL

Jayhawkers and Cornhuskers on Aggie Schedule

The Aggies will be hard put to defend their college in two cross country meets scheduled this fall. Only one letter man, Captain M. R. Henre, Kansas City, Kan., returned this fall. About 15 men turned out for the first call for tryouts on the cross country team and Coach Henre expects 35 on his squad before the close of the season.

The cross country team will meet K. U. here at the Homecoming game October 28. It will also accompany the football team to Lincoln November 18 to meet the Cornhuskers on the date of the Aggie-Nebraska football game there.

### AUTUMN SWIMMING SCHEDULE ANNOUNCED BY COACH KNOTH

Big Ten Schools on List—Good Team in Prospect

A tentative schedule including engagements with the Universities of Illinois, Chicago, Minnesota, Nebraska, and Northwestern and the Iowa State college, has been arranged by E. A. Knuth, Kansas Aggie swimming coach. Coach Knuth has issued a call for candidates for the team this week.

A splendid working nucleus of last year's team has returned this fall. They are Burton Colburn, Manhattan; Joe Mackey, Kansas City, Mo.; Micky Magill, Topeka; and Joe Thackery, Manhattan. Colburn and Mackey, each of whom scored 14 points in the Aggie-Nebraska meet last winter, have been keeping in form during the last summer while engaged in life guard work.

### AGGIE ENGINEERING STUDENTS PLEASE THEIR SUMMER'S BOSS

Receive High Praise from Resident Engineer

An unsolicited recommendation of four undergraduate engineering students of the Kansas State Agricultural college was received by L. E. Conrad, professor of civil engineering, from William D. Stuart, of Pittsburg, Kansas, one of the outstanding resident engineers of the state.

"Since the first of June it has been my pleasure to have associated with me on this work M. W. Todd, L. W. Newcomer, G. H. Hollister, and G. A. Murray," Mr. Stuart wrote. "The work of these young men was all that could be desired. They seemed to take a great deal of interest in their duties and were loyal to all of their superiors. It was indeed a pleasure to have these young men with us during this construction season."

"If next year the writer is in a position to offer them work at a salary that they should command it will be a pleasure to employ them. I wish to assure you that you can refer anyone to me as to the ability and loyalty of these young gentlemen. You and the college you represent are to be commended on turning out such men as these four."

## CAFETERIA IS FINEST

### NEW COLLEGE STRUCTURE BEST OF KIND IN STATE

First Floor Will Seat 250 and Accommodate 1,000 to 1,500 at Noon Hour—Tea Room and Banquet Hall in Second Story

The new \$125,000 K. S. A. C. cafeteria building that is nearing completion, will be the finest building of its kind in the state. It is a two story structure of native stone. The building stands just inside the campus to the right of the south gate.

The cafeteria will occupy the basement and first floor of the building. The dining room proper is a light room with full length windows of French effect. It occupies the entire north side of the first floor. The walls and ceiling of the room are being finished in old ivory, and the floor will be finished in tan combination with brown maginestone composition border.

#### WILL SEAT 250

The cafeteria dining room will seat 250 persons at one time, or approximately twice the number that could be accommodated in the old building. At the noon hour it will be possible to feed from 1,000 to 1,500 persons, at the rate they were served in the old cafeteria. The dishes used in the dining room will be carried to the dish washing machine in the basement by two subveyors, which are the best carriers on the market. The dishes will be placed on the subveyors in much the same way that they were returned in the old cafeteria. Clean dishes will be carried to a point behind the service counter by a third subveyor.

The service room or service counter will give double service to the lines entering at either end of the building and meeting at the center. The service to the lines will be doubled in efficiency compared with that of the old building. The cafeteria kitchen is a light, sunny room in the south ell toward Anderson avenue.

#### A ROOM FOR BAKING

The general store rooms are in the basement. The potato store room was specially constructed under the advice of Prof. Albert Dickens of the horticulture department and Prof. L. E. Melchers of the botany department. The basement also has a room for baking that will in the future take care of the baking for the cafeteria and any dormitories that may be built. The bakery will not be equipped immediately.

Mechanical refrigeration will be used throughout the building. The contract for the plant is under advisement. It will require about a seven horse power machine to care for the refrigeration. The building is equipped with a complete ventilating system and is wired throughout for all kinds of electrical equipment.

#### TEA ROOM UP STAIRS

On the second floor, is a large central dining room, with three smaller dining rooms adjoining that can easily be made a part of the main dining room. These rooms will be used for tea room and banquet service that will be served from its own kitchen on the same floor, which is entirely apart from the cafeteria.

Two class rooms on this floor will be used for institutional teaching, while the cafeteria and tea room will be used for a general laboratory. A separate laboratory is to be equipped for the use for the household economics experimental work.

One housewife gave her old grass rugs a coat of shellac and now she leaves them on the porch even when it rains.

One worn-out sheepskin coat furnished the material for a pair of wool mittens, one to apply furniture polish and the other to rub it glossy.

A big woodpile will be worth money this winter.



# THE KANSAS INDUSTRIALIST

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Number 3

## EDITORS TO BIG GAME

ANNUAL FOOTBALL PARTY AT K. S. A. C. TO BE OCTOBER 28

Invitations To Be Sent to Men and Women of Kansas Fourth Estate This Week—Contest This Year Is Scheduled With K. U.

Kansas editors will be the guests of Kansas State Agricultural college at the second annual editors' football party here, October 28, the date of the Aggie Homecoming. Invitations will be mailed to every editor in the state and free tickets to the Homecoming game will be ready for those who claim them in Manhattan on the day of the game.

### ALUMNI TAKE INTEREST

The Homecoming game this season

York and Maine. Two members of the faculty gave recitals in Chicago.

Prof. Ira Pratt, head of the department, taught in K. S. A. C. summer school. In August he gave a recital in Kimball hall in Chicago, and spent three days at Nebraska State normal, Peru, Nebr., giving a series of lectures and a recital before the summer school students.

Other members of the faculty who taught in summer school are H. P. Wheeler, associate professor; William Lindquist, Boyd Ringo, and Robert Gordon, assistant professors; Edna Ellis, instructor; and Mildred Thornburg, student assistant. Mr. Ringo studied three weeks after summer school with Madame Sturkow-Ryder of Chicago.

Gladys E. Warren, assistant pro-

## TESTS 10,000 SAMPLES

ROAD MATERIALS LABORATORY REPORTS ON TWO YEARS' WORK

Bulletin Issued by K. S. A. C. Engineering Experiment Station Gives Summary of Results and Explains Methods

Within the last two years the road materials laboratory in engineering hall, K. S. A. C., has tested more than 10,000 samples of material used in constructing 287 miles of surfaced roads, the total cost of which, including bridges, was more than \$10,000,000. The road materials laboratory plays an important part in Kansas highway construction. The laboratory has been designated as the official laboratory of the Kansas highway commission and all materials used in state highway construction must be approved by the laboratory. Inspecting engineers from the laboratory are constantly in attendance at various localities in Kansas, Missouri, and Oklahoma, where cement, brick and other highway materials are manufactured.

### BULLETIN ON MATERIAL

A new bulletin entitled "Road Materials of Kansas" by C. H. Scholer, which has just been published by the engineering experiment station of the college, gives a summary of the results of the tests upon the natural road building materials of Kansas as made in the road materials laboratory.

### TELLS ABOUT TESTS

It includes a brief non-technical discussion of the desirable properties of natural materials for use in highway and concrete construction together with a description of the methods used in testing highway materials. The test results are tabulated in a compact and readily accessible form for reference.

The bulletin was prepared with authentic data upon the properties of highway materials found in various sections of the state but much of the information relative to sand, gravel and stone is equally valuable in concrete construction.

### STATION STAFF CONTRIBUTES 47 ARTICLES IN FISCAL YEAR

Scientists Publish Accounts of Investigations

Forty-seven technical articles for publication were contributed by the members of the staff of the Kansas agricultural experiment station during the fiscal year ending June 30, 1922. These scientific contributions were made by the members of the station staff in addition to a large number of popular articles contributed to newspapers and magazines during the past year.

The scientific papers cover a variety of subjects, ranging from an article by Dr. James E. Ackert on "The Relations of the Domestic Chicken to the Dissemination of Hookworm Disease" to one by Dr. J. H. Merrill on "The Correlation Between Physical Characters of the Bee and its Honey-storing Abilities." The contributions include articles on "The Inheritance of Rust Resistance in Wheat" by Professors L. E. Melchers and J. H. Parker; "The Relative Water Requirements of Corn and the Sorghums," by Dr. E. C. Miller; "Sulphur as an Important Soil Fertility Element," by Prof. C. O. Swanson and W. L. Latshaw; and "Laboratory Diagnosis of Poultry Diseases" by Drs. L. D. Bushnell and F. R. Beaudette.

"The contributions to scientific knowledge made each year by the members of the staffs of the various agricultural experiment stations of the United States are among the important factors in human progress,"

F. D. Farrell, director of the Kansas station commented. "The investigations of these scientists, while designed primarily to assist in the improvement of agriculture, produce results, in the form of new facts, which benefit all the industries and all the people either directly or indirectly. Some of the most useful knowledge we have regarding human nutrition, for example, has come to us from the study of the nutrition of domestic livestock. And the control we now have of certain dangerous human diseases, as, for example, yellow fever and malaria, has come from the study of diseases of farm animals."

## STADIUM IS BUILT OF BEST MATERIAL

Tests on Quality of Stone, Steel, and Cement Run High—Finished Product Safe

Visitors to the Aggie athletic field lately have bothered John Grady, resident engineer in charge of the construction of the Memorial stadium, to such an extent that he has been literally forced to print a public statement regarding certain features of the structure which seem to occasion innumerable questions. He gave the facts which follow to a reporter who was bothering him the other day:

Each unit of the memorial stadium weighs more than half a million pounds. The material used consists of 22,500 pounds of steel and 166 cubic feet of concrete.

The perpendicular height of the seating deck is 35 feet and from the top seat to the bottom seat it is approximately 90 feet. The length of the front rows of seats is 51 feet, while the top row measures 56 feet 6 inches in length.

The stadium is constructed of the very best material and according to the latest methods in concrete construction. All the gravel and cement is graded and tested before and after mixing, so there is no question about its durability. The breaking point of the steel for re-enforcing is tested before it is used.

The proportion of cement to gravel is 1 to 3½ and to this mixture is added a small amount of high grade lime as water proofing and to keep the moisture content more uniform, thus reducing stresses caused by wetting and drying. Tests on this material showed a resistance of 3,200 pounds per square inch, although 2,000 pounds is considered enough.

Standing on the top row and looking straight down to the bottom row one is impressed with the curve which appears to be a sag in the middle of the structure. This curve is produced by gradually increasing the height of the risers from 10 inches for the first few rows of seats to 13½ inches for the top rows. Due to this feature of construction, every seat will command a clear sweep of the entire athletic field.

## K. S. A. C. EXTENSION PUPILS NUMBER 1,071

Enrolment in Home Study Credit Courses Nearly Double that of Last Year

One thousand seventy-one persons are enrolled in home study courses at the Kansas State Agricultural college. Each one enrolled is taking one or more credit courses, which will count toward a degree from K. S. A. C. The number enrolled last year was 655.

Enrolments in vocational courses, for which no college credit is received, number 3,880. Last year there were only 2,029 of these.

Enrolments come from 28 states. There are also two from the Hawaiian islands and one from Mexico.

## SPEEDING UP AG WING

WORKERS ON NEW STRUCTURE FINISH FIRST STORY WALL

West Portion of Waters Hall, K. S. A. C. Agricultural Building, Ready by September, 1923, at Present Rate of Progress

Stone workers engaged in the construction of the \$275,000 west wing of Waters hall, agricultural building of Kansas State Agricultural college, have reached the top of the wall of the first story. Work is moving so rapidly that the contractor stated Saturday it is possible the roof may be on by Christmas. At the present rate of progress the building will be ready for occupancy by the beginning of the 1923 school year.

The exterior will be a duplicate of the east wing which was completed in 1912. The new wing will accommodate the departments of dairy husbandry, poultry husbandry, and agricultural economics.

### DAIRY GETS TWO FLOORS

The dairy department will occupy the first two floors of the new wing. This department is now housed in a building 17 years old and lacking much of the modern equipment that the development of the industry has made necessary in the last 15 years.

Accommodations afforded in the new wing of Waters hall will provide the dairy department with facilities as good as any in the country. On the floors devoted to this department will be an ice cream laboratory, a market milk laboratory, three dairy research laboratories, a cold storage plant, class rooms, and offices.

### ADD TWO ANNEXES

On the north end of the wing will be a one story annex 50 feet square for use as a creamery and dairy manufacturing laboratory. A similar annex is to be added to the north end of the east wing for use by the animal husbandry department as a meats laboratory. It was desirable to have single rooms with three outside exposures for these laboratories on account of ventilation requirements.

A large part of the top floor of the new wing will be taken by the agricultural economics department, the youngest but second in point of enrolment in the agricultural division. At least two rooms on the floor will be used by students of the agricultural division for organization meetings. One class room will be equipped for illustrated lectures.

## RELIABLE INFORMATION ON FILLING SILOS IN CIRCULAR

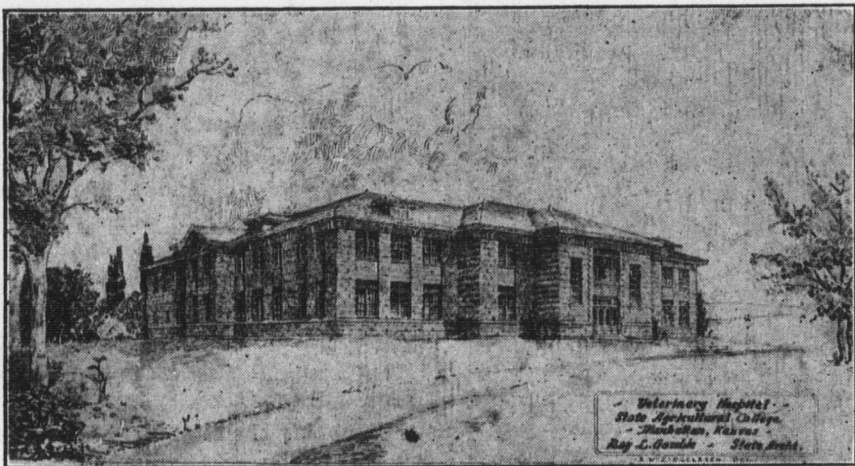
College Issues Publication by J. B. Fitch

Reliable information concerning the filling of silos is contained in a Kansas agricultural experiment station publication written by J. B. Fitch, head of the dairy husbandry department. It is Circular 95, entitled "Filling Silos." A copy may be had free upon application to the station.

The circular takes up the time to cut the silage crop, methods of cutting it, adding water, packing the silage gas in silos, refilling the silo, sealing the silo, when to feed silage, mixing crops in the silo, and the use of stover for silage.

The protein content of grain rations for dairy cows should depend upon the roughages fed. Corn fodder and silage, Sudan grass, and prairie hay require a high protein grain ration while alfalfa, clover, or soy bean hay may be accompanied by a grain ration somewhat lower in protein.

## Building New Aggie Veterinary Hospital



Ground was broken last week for the new veterinary hospital of the Kansas State Agricultural college, an architect's conception of which appears herewith. The new building will stand directly west of the old armory, the first building erected on the present campus of the college. Thus the oldest and the newest will face one another. The hospital building will be constructed at a cost of \$100,000.

will be with K. U., the ancient but highly respected foe of the Aggies. In the past, Aggie fans have regarded the annual clash with the Jayhawkers as the all-important gridiron event of the year. Even now the tradition has considerable hold on the alumni although the Wildcats meet such rivals as Nebraska, Missouri, and Oklahoma universities. Ames, and Texas Christian university in addition to K. U. this season.

The Homecoming game will be the occasion for dedicating a portion of the new Memorial stadium, one section of which will be half finished by that date. The seating capacity of the finished portion will be about 4,000. Mike Ahearn, athletic director, is preparing for a crowd of 8,000 spectators. Temporary seats will take care of the overflow from the stadium.

### INVITE PRESS CLUBS

The press clubs of Topeka and Wichita will receive special invitations to the party. Large delegations are expected from both these cities and from Kansas City.

C. E. McBride, one of the fraternity, will officiate in the game to see to it that the editors get a square deal.

Kansas Aggie journalism students—girls and boys, about 50-50—will give a stunt for the editors Saturday night. Although nothing stronger than cider will be served the youngsters are confident that a good time will be had by all.

## MUSIC TEACHERS STUDY DURING SUMMER PERIOD

K. S. A. C. Professors Take Work Under Chicago and New York Artists—Some Give Recitals

All of the teaching staff of the music department of the college taught or studied last summer. Some of the department studied in Chicago while others studied in New

York and Maine. Two members of the faculty gave recitals in Chicago. Prof. Ira Pratt, head of the department, taught in K. S. A. C. summer school. In August he gave a recital in Kimball hall in Chicago, and spent three days at Nebraska State normal, Peru, Nebr., giving a series of lectures and a recital before the summer school students.

Other members of the faculty who taught in summer school are H. P. Wheeler, associate professor; William Lindquist, Boyd Ringo, and Robert Gordon, assistant professors; Edna Ellis, instructor; and Mildred Thornburg, student assistant. Mr. Ringo studied three weeks after summer school with Madame Sturkow-Ryder of Chicago.

## U. S. D. A. MAN VISITS COLLEGE ON WHEAT MARKETING STUDIES

Government Cooperates With Kansas Station on Investigations

E. B. Ballew, investigator of the division of marketing costs of the bureau of agricultural economics of the United States department of agriculture was in Manhattan during the past week conferring with Prof. R. M. Green and other members of the department of agricultural economics concerning the wheat marketing investigations which the Kansas experiment station and the bureau of agricultural economics are conducting. A cooperative study of the cost of handling wheat through elevators is being made in Kansas. This is a part of the comprehensive study of the marketing of wheat which is being made under the direction of Professor Green. Other phases of this work have been completed and still others will be taken up as rapidly as possible.



## THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kan.

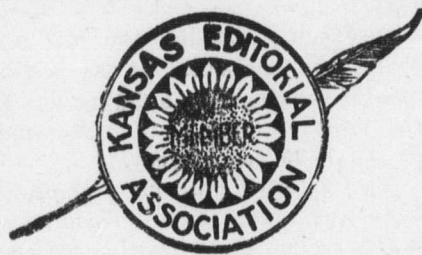
W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. W. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, OCTOBER 4, 1922

### PEPYS AND WE—THE DIFFERENCE

Writing 250 years ago, Samuel Pepys, English gentleman, scholar, confidential friend of King Charles II., tells of a stop which he and his wife made overnight at a remote inn. When they got up in the morning, he says, they found the bed "neat but lousy—which made us merry."

Today any of us would consider the condition of the bed in that remote inn justification for calling in the health officers, disinfecting our clothing, and taking maybe two or three serums. No doubt we are right in our point of view. Samuel Pepys was foolhardy, although he didn't know it.

But Samuel Pepys had one quality that many of us today haven't. He was happy. With his limited knowledge of sanitation, with his crude outlook on many other things, he had fun.

It is doubtful if there is any more happiness in the world now than there was in the time of Samuel Pepys. Perhaps there is not so much. Yet, on the face of things, it seems there ought to be more. Certainly we have more material means for happiness. We have automobiles and chewing gum and bathtubs and telephones and football and bobbed hair and phonographs and goodness knows how many other inventions designed for our pleasure.

It's rather ungrateful of us not to be happy, isn't it? What's the matter, anyhow? Have we too many things?

The last question touches the root of the matter. We have not too many things intrinsically. Perhaps we have, however, too many things for our own capacity to use them. We have advanced materially much faster than we have advanced intellectually or spiritually. This is indicated clearly enough by our readiness to turn to the ends of war any new material invention that possesses any possible military usefulness. We are ready to use material progress for antisocial aims. We have not reached the point of considering sufficiently the fundamental welfare of ourselves and our neighbors, to say nothing of the welfare of all humanity.

We shall have no complete satisfaction or happiness—nothing even approaching these qualities—until our intellectual and spiritual progress catches up with our material progress. As the matter now stands, we are like the illiterate ditch digger who suddenly inherits a million dollars. We have a great material fortune in our hands, but we have no idea what to do with it.

### CORN TASSELS

H. W. H.

The demand for "light" wines comes mainly from those who want to be "lit up," puns the Marysville Advocate Democrat.

"The papers are talking about a 'Holy War,'" observes the Jewell Republican, "but we imagine it is the kind that Sherman talked about."

With the approaching marriage of the former kaiser the old matrimony joke is again blooming. Most people, observes the Concordia Blade-Empire, refuse to worry over the former kaiser's determination to marry again. In fact, no matter what punishment is meted out to him the American public likely will remain calm.

Father Neptune seems to be taking an active interest in the naval disarmament program, having scrapped a dreadnaught each for France and Chile during the past week.—Edgerton Journal.

### TAKING NO CHANCES

A few days ago, while the threshers were at Bill Cooper's, a son was born. The very next day another crew was threshing at Shril Davis' and a 10 pound boy was born to Mrs. Davis. Charles Gould was to thresh the next day, but has decided to stack his grain and wait till cool weather.—Lamar Republican.

Don't say that strikes are altogether useless, says the El Dorado Times cheerfully. The Chicago and Alton has increased the pay of its clerks, freight handlers and station employees a cent and a half an hour.

The Wamego Times suggests that a music box be placed at all railroad crossings so that approaching motorists may stop and listen. It also recommends that the air be "Nearer My God To Thee."

In choosing father's birthday present, advises the Herndon Nonpareil, make it as light on him as possible.

### NEW SAYING

He wouldn't exactly go to hell for a nickel, but he would fish around for it until he fell in.—Atchison Globe.

After a man has finished putting up a stove pipe, says the Eureka Herald wisely, the family parrot has to be kept out of the room when the minister calls.

Franklin D. Roosevelt has been heard from again. He is going to head a syndicate to buy up German marks. What is he going to do—start a pasteboard factory?—Wichita Beacon.

A campaign soon will be under way to make pickles more popular. In 1922 the pickles per capita consumed in the United States were 10. In 1921 each man, woman and child ate 27. Possibly the Volstead act had something to do with the "pickled" population.—Topeka State Journal.

### A QUARTER CENTURY AGO

Items from The Industrialist, October 4, 1897

Professor Faville has commenced housekeeping.

The students' payroll for August amounted to \$1,299.08.

Professor Cottrell has obtained permission of the faculty to organize a student farmers' club.

Principal S. N. Chaffee, '91, of the Riley schools, attended chapel on Saturday and made us a pleasant call.

The drawing department has received this week a large quantity of new tools and an illustrative apparatus.

Miss Lyman Hartley, a former student, and now a teacher near Alma, Wabaunsee county, visited college last Saturday.

The daughter of John W. Beck and wife entered college by being born at the old college farm, last week Wednesday.

President Will left for Topeka this morning to attend the session of the state board of education, of which he is an ex-officio member.

Prof. J. D. Walters went to Topeka today, to confer with the planing mills of that city about the interior finish of the new domestic science hall.

The new domestic science hall is receiving its electric light wires this week. The roof is nearly completed and a few days more will see the plasterers putting on their finishing touches.

Congressman Vincent of Clay Center, a former student of this college, visited his alma mater last Saturday. He was introduced to the students

resignation, she states that she finds the work too heavy to enable her to do justice to herself and to her pupils.

Hereafter the drill time of Wednesday morning will be given to a lecture on hygiene by Prof. Helen Campbell. The first lecture was given last Wednesday and was greatly enjoyed by the college army. Mrs. Campbell is a fluent platform speaker. She speaks without notes and knows how to make her discourses interesting as well as instructive.

Hiram H. Heberling, of Ridgeway, Osage county, died Wednesday, September 22, at the advanced age of 86. Mr. Heberling was one of the very early settlers of Kansas. He was a member of the first state legislature and was one of the committee that located the agricultural college, in the growth of which he al-

## The Land of the Blue Door

The Emporia Gazette

New Mexico, southwestern Colorado, and northern Arizona, an empire larger than western Europe, is a land that is different.

It is the land of the blue door. The blue door marks the home of the man who has adopted majority rule, the jury system, the equal rights for all, and the philosophy of the hustler, with reservations. Behind the blue door there is some respect for these things perhaps, but no great admiration. The blue door, behind which lives the Spaniard, the Mexican, and sometimes the Indian or the white man who has learned the ways of the Latin people and to value the good in them—the blue door is the dead line across which the Puritan civilization of our forefathers has not stepped.

The blood of the conquerors of the new world governs the land of the blue door today. The ballot box, the American judicial system, the Puritan invaders, have not unseated the dominion of the Spaniards. The old Spanish families still have the power of life and death in New Mexican politics and social activities. In New England the old families have surrendered to the Irish, who are in turn threatened with the Italian and the French. But in New Mexico an Otero or a Chavis is still somebody. So the Santa Fe fiesta was dominated by the Spanish and the Indians. The Mexican who likes to be called a native did not have a look-in, and all the pale face from our great middle west had to do with the show was to pay for it. He and the Mexican were outsiders.

by President Will and made a short address from the rostrum.

The faculty are in a dilemma about marking the absences from chapel, especially those from the rear seats and the gallery. There is a plan under consideration to have this done by the students themselves.

THE INDUSTRIALIST for September 13, in a note, puts Professor Parsons at Brown, instead of at Boston university school of law. He will divide his time between Boston university and the Kansas State Agricultural college.

During the Mondays of October, Doctor and Mrs. Weida will be pleased to see informally at their home (corner Fifth and Osage streets), any students who will take this opportunity to become acquainted. Hours, 3 to 5 p. m. and 8 to 10 p. m.

The faculty are preparing lists of new books to be purchased for the library. The legislature gives the college about \$1,000 per year for this purpose. This seems a neat sum until it has been divided between 20 departments and special sciences.

The last issue of the Students' Herald is so rich in spicy local notes that it is a difficult matter for THE INDUSTRIALIST to do any more than repeat what the Herald has said. It is the best number typographically ever issued, and we feel that their glory is our glory, too.

Miss Hochleitner, who has recently come to us as superintendent of sewing, has decided to lay aside the work and resume her studies at Chicago university. In her letter of

ways felt a pride. The writer of this experienced the kindness of Mr. Heberling and family in the early '70's, and can bear witness to the good qualities of mind and heart, and the practical altruism of a sturdy man.—O. E. O.

### HE COULDN'T READ

To a bright young mountaineer, who has raised himself to a successful position in life, we once said: "Do you ever read books? I would like to loan you some good ones."

"No, I can't read a book."

"Why, you read well; you mean you don't want to."

"No, I can't. I've tried often. It's always just this way. I take up a book that I want to read, and I read a few lines, and then a fly or some bug comes bothering around me, and I have to stop and swipe him. Then my elbow begins to tickle and I have to scratch it. Presently the chair gets so hard and uncomfortable that I ache all over and can't stand it another minute; so I throw myself on the floor, and just 'resolute' myself to read. But before I get another page done, I get an awful itch in the middle of my back, and I throw away the book and I'm gone."—St. Andrew's Messenger.

Care should be taken that pigs of fall litters are well supplied with skim milk or tankage especially after weaning.

The proper time to begin curing pork is when the meat is cool and still fresh, or about 24 to 36 hours after killing.

### FIVE TREES

Louis Untermyer in the New Republic

Five pine trees held up on the nape of a broken hill  
Huddle and dream in a pattern of disarray.

The first is twisted with thought; it is gnarled and still;  
It has nothing to throw to the winds that tore its branches away.

The second is restless with youth. It answers the wind  
With laughter of leaves; it claps its green hands

At every air stirring, no matter how fetid or thinned;  
It sings, with impatient abandon, of all that it scarce understands.

The third is expansive, a generous mother of trees.

All day it keeps crooning an old wives' patter of charms.  
And the cold moon is held, for a spell, on compassionate knees,  
And the wind is a child that it hushes to sleep in its arms.

The fourth has a taunt for each breeze; it dares to be taken.

Sure of its roots in the solid, respectable earth,  
The fifth is a dying trunk, too old to be shaken  
By winds that are less to it now than half-hearted whispers of birth.

Five pine trees held up on the nape of a broken hill

Huddle and dream in a pattern of disarray . . .  
And you pass among them. They touch you; you alter.

Stand still!  
Which are you today?

### WINNING AGAINST COMPETITION

Many a Kansas boy or girl, say 18 or 19 years old and a high school graduate, stands at the parting of the ways today. Shall he or she continue an educational career through college or will it be best to go out into the world now? Why should one put the time and expense into additional training?

Probably the first item to consider is that of competition with one's fellows, which is becoming keener every year. One must be able to do things beyond the average man if he is to get the maximum rewards. This may take one of two forms: He can produce some commodity which society needs better than the average person can do it, or he may deliver great amounts of some material at a lower cost. In either case it takes training and ability. While one may have real skill along some line, he never will get the greatest distance in its development until he has had some experience under men who are authorities on this subject.

One can get this training in a college with less trouble than in any other way. He is surrounded by other students also interested in the same things in which he believes, and he comes in contact with specialists and equipment needed for the teaching of some certain subject in the best way. Perhaps this will be farming; if one expects to follow agriculture in this state and wishes to get a higher education along this line he naturally will go to the Kansas State Agricultural college. Perhaps one is interested in engineering, in which case he might desire to enter the excellent engineering courses offered there. Or he may prefer veterinary science, architecture or some other line.

Certainly he should take what he wishes. There is no more reason for this erroneous idea that a farmer's boy should be a farmer than there is that a doctor's son should be a doctor. A man will do the best, other things being equal, in the thing in which he has the greatest personal interest, and the greatest belief.

The cost of a real education in agriculture at Manhattan is low. A very large proportion of the students are working their way through college, in whole or in part. The main thing required for success is the purpose to win; one must have the ambition to work toward a definite ideal. If one has this, the lack of rich parents cannot keep him from an education which will enable him to win in the keener competition that is sure to come.—F. B. Nichols in the Kansas Farmer and Mail and Breeze.



## AMONG THE ALUMNI

A. D. Rice, '92, is now at Delavan. Lelia E. Dunton, '10, is at Decatur, Ill.

Cora Akers, '21, is teaching in Delavan.

A. B. Schmidt, '21, is teaching at Copeland.

Ernest L. Lahr, '21, is teaching in the high school at Belleville.

Elsie Ester, '14, has moved from Liberal, Kan., to Telluride, Col.

Marianne H. Muse, '21, is teaching home economics at Great Bend.

Alice (True) Shaw, '12, Holtville, Cal., was a campus visitor September 15.

Edna Beckman, '19, is now at 3023 Montgall avenue, Kansas City, Mo.

Joe Marron is city librarian and a member of the Rotary Club at Jacksonville, Fla.

Nora S. Dahl, '14, is teaching in Leavenworth. Her address is 121 Fourth avenue.

H. A. Thackery, '14, has changed his address to 203 West Church street, Champaign, Ill.

Florence M. Johnson, '22, is receiving THE INDUSTRIALIST at 119 Columbia avenue, Augusta.

Nellie M. Payne, '20, is with the division of entomology and economic zoology, University of Minnesota, St. Paul.

W. C. Calvert, '16, is graduate assistant in the pomology section, Iowa agricultural experiment station, Ames.

Walter R. Harder, '22, wishes the school a most successful year from his new address at 709 Spruce street, Coffeyville.

Zorada Z. Titus, chemist for the Page Milling company, has changed his address to 938 Lindenwood avenue, Topeka.

Fern (Roderick) Osterhout, '17, is living at 525 East Fifth, Concordia, where her husband is manager of a creamery.

Frank P. Root, '14, who has been farming near LaHarpe, Kan., is now enrolled in the graduate school, majoring in genetics.

Katharine McFarland, '18, 1000 Seventh street, West Lafayette, Ind., is in the home economics department at Purdue university.

Clytie Ross, '16, is teaching again this year at Chase after spending the summer at Boulder, Col., in the university summer school.

C. S. Goldsmith, '14, and Nellie (Wilkie) Goldsmith, '18, Parsons, expect to watch the Wildcat pluck the Jayhawk, October 28.

Marion C. Reed, '21, has removed from Columbus, Ohio, to 3609 North Ninth street, St. Louis. He announces a contribution ready for the stadium.

L. N. Jewett, '19, instructor in vocational agriculture at Thomasville, Mo., promises to be at Columbia November 4 to root for the Wildcats in their game with Missouri.

Ada Robertson, '20, has removed from Courtland, Kan., to Commons apartment, University of Wyoming, Laramie. She is director of the cafeteria at the university.

David G. Robertson, '86, president of the Chicago alumni, plans to have faculty and students who attend the fat stock show in December as guests of the Chicago association at its annual dinner.

Winona (Miller) Schutt, '11, Bremerston, Wash., returned to the campus in September, the first time since graduation. She continued her trip to the East through Chicago and into Canada.

Emma Stratton, '15, professor of home economics, Iowa State Teachers college, Cedar Falls, was acting

head of the department the last half of the summer session. She lives at 2221 Iowa street.

Albert Dietz, '85, 3406 Jefferson street, Kansas City, Mo., resigned his position as foreman in the United States treasury department, Kansas City, which he has held 13 years, to devote his time to his rental property.

A. A. Glenn, '16, who has been engaged in orchard development work near Belle Plaine, and Beulah (McNall) Glenn, '17, have moved to Westmoreland where Mr. Glenn is employed as a teacher of vocational agriculture.

### Hard Times Bring Better Job

R. H. Oliver, '17, Citizens' Electric company, 1013 Locust street, Des Moines, feels kindly toward old man Hard Times. He says:

"When the slump came last year the General Electric cut me adrift, but fortunately I fell heir to a job paying more and affording more pleasant work. I have charge of power plant construction, and work with the boss from whom I learn something new most of the time.

"I see that the stadium is underway and I sincerely trust that it can be completed before we lose our initial punch and pep. I am willing and anxious to do my bit, and when the time comes for the alumni to chip in, I will be there.

"I am certainly back of everything the alumni association has done and am surprised that more of the alumni haven't 'come across.' I know of several in my class who got more out of K. S. A. C. in honors and benefits than many of the rest of us, who are not members of the association."

### Introducing Judge Criswell

W. S. Criswell, '12, executive secretary of the Boys' Home association of Jacksonville, Fla., is about to quit the work he has followed for 10 years to become judge of the juvenile court. He studied law as a side line, was admitted to the bar last year, and this year was elected to the judgeship. He will don the ermine next June.

Judge Criswell expects to enlarge the jurisdiction of the court to include adults who contribute to the delinquency of children, and to desertion and non-support cases where children are involved.

"I have found," he says, "juvenile delinquency usually to be about nine-tenths adult delinquency."

Criswell is seeking a successor who has a leaning toward work with boys.

### Eastern Alumni Meet October 12

The Eastern Alumni association will have a picnic October 12, Columbus day. For details, get in touch with Earl Wheeler, '05, 1028 Myrtle avenue, Plainfield, N. J. The annual banquet will be in February.

### Ada Rice in Print

Ada Rice, '95, associate professor of English in the college, is the author of an article entitled "John Harrison White, a Connoisseur in the Fine Art of Gratitude" in the September number of Social Progress. The article tells the story of an orphan boy brought up in Kansas who subsequently prospers in publishing and other business and who expresses his gratitude not only in a financial way but by numerous public services. The article is illustrated with a portrait of Mr. White.

## BIRTHS

Ivor Mall, '18, and Mrs. Mall announce the birth of a son September 20 at Manhattan.

H. A. O'Brien, '19, and Annette (Perry) O'Brien, '16, 44 North Park street, East Orange, N. J., announce the birth August 31 of a daughter, Kathryn Harriette. "The baby already is slated to go to K. S. A. C."

## LOOKING AROUND

OLEY WEAVER, '11

Alma mater invites her children to come home and bring their friends this month. To provide a rallying point, October 28 has been designated Homecoming day, and a game of football will be played with K. U. Although the result of this game means much, especially to the alumni who wish to see their ancient enemy in athletics drubbed once more, it is only a game.

There was a time when the annual defeat by K. U. was regarded as the mark of an unsuccessful season. No longer is it regarded here as the point on which the scales break. Two years ago the Aggies lost to K. U. and then went to Norman and tied up the Sooners who had won a decisive victory over the Jayhawks earlier in the season and stood topnotch in the Valley.

The Aggies last year defeated here the same aggregation that again had plucked the Jayhawk's feathers, and tied up for first honors in the Valley percentages, second only to Nebraska.

In other words, the K. U. game is not the game but a game. It spells neither success nor failure for the season—simply, it figures in the percentages.

The Aggie squad is not pointed for the K. U. game, but for the last game of the schedule. Should the Wildcats win from the Jayhawks and lose the remainder of the schedule, the season would be a disaster. For the Aggies now are playing more than K. U. They're playing the Missouri valley and the best it produces.

It's a changed attitude on the part of Kansas State. It's the change that comes with the emergence from adolescence. The feeling which accompanies it permeates not only the athletes but the college family. It gradually is radiating into the strong alumni body mothered by the institution.

Only a few years ago the Aggies, fearful of results, hesitated to step from the Kansas conference into the Missouri valley. Under the stricter rules and stronger competition of teams with wonderful prowess sufficiently consistent to defeat K. U., couldn't beat even the Jayhawks. There was no chance. The Aggies The step would be suicidal.

The Aggies didn't know themselves. They had small faith in their ability to play and fight the biggest boys in school. They almost were content to continue the doubtful pleasure of beating up the little fellows. That wasn't sportsmanship.

So K. S. A. C., goaded by the necessity of playing under Missouri valley rules if it wished to meet Missouri valley teams, applied for valley membership and was admitted.

It was a big step and a profitable one. The Aggies were invited guests on the schedule of big fellows who desired stiffer practice than their freshman squads afforded. The arrangement was too good to be true. Ask Missouri, the "show me" boys.

The growth in athletic prowess is typical of the college and all of its departments. Entrance requirements have been advanced, and a larger percentage of K. S. A. C. graduates are stepping into responsible positions.

So you're not coming back to Alma Mater to see alone new and improved football. You're coming a day or two before that to see at work the machinery which has supplanted what you thought nigh perfect in your student days. You may visit the

old class rooms where as seniors you attempted to work instructors for grades that juniors now are getting.

You will find a college that is adding value to your degree every day it operates; that has emerged from adolescence and strives with the mightiest, yet never overlooks opportunity to serve the people who maintain it.

Will we beat K. U.? The query no longer is ominous. It will be a fight. The Jayhawk will be minus some feathers. And the Aggies will be a step nearer Nebraska—the bully boy of the bunch.

### Wheeler Steps Up

Earl Wheeler, '05, is vice-president in charge of operations of the Roger Black company, engineers and contractors, 452 Lexington avenue, New York. The company handles engineering construction projects generally and just now is building several large housing developments.

"Between strikes," Wheeler says, "we try to make money to tide us over the strike periods and have a little for salaries and dividends."

### College Is Favorably Known

C. M. Conrad, '21, engaged in research work with the agricultural experiment station of the University of Maryland, College Park, finds his work "very interesting."

"I have heard numerous comments very favorable to K. S. A. C. since I have been here and I was glad that I could say I was one of her alumni."

So say we all of us.

### A. A. Is Vital Factor

That the alumni association will continue to push forward and be a real connecting link between the college and the alumni, is the desire of Earle W. Frost, '20, 620 West 116th Street, New York.

"The association has by its work of the past year shown itself to be a tremendously vital factor and deserving of the support of every alumnus," he says. "The active membership is still far short of what it should be. Procrastination is the chief hindrance, I suspect."

Frost has entered his third year's work in the law school of Columbia university. He received practical experience in an office in the Wall street district last summer.

### Much Straw, Little Wheat

H. A. Praeger, '08, and Gertrude (Grizzell) Praeger, '08, with their five children are still on the wheat farm near Claffin. "Dutch" says they expect to stay in the business as long as they can make a living.

"Our wheat crop," he says, "turned out an average of 17 bushels, which wasn't so bad considering the fall and winter. However, we cut enough straw to make a 50 bushel crop. We had a piece of summer fallow which turned out 30 bushels to the acre, but the patch wasn't large enough."

Praeger hopes the alumni will all stand behind the association, which has two active members in the Praeger family.

### A Very Busy Grad.

J. R. LoMont, '20, Oberlin, is president of the Decatur County Teachers' association, president of the Decatur County Dairy association, and assistant principal of the Decatur county high school. And on the side, he finds time to root for K. S. A. C. and the alumni association.

## MARRIAGES

### CASTO—MARSHALL

Miss Frances Casto, '22, and Mr. Ray Marshall, '22, were married September 6 at Liberal. Mr. and Mrs. Marshall are at home at 1630 Leavenworth street, Manhattan.

### Third District Alumni Organize

Out of a basket dinner at Riverside Park, Independence, September 3, grew the Third Congressional District Alumni association of K. S. A. C. The picnic was planned by Earl J. Evans, '06, and Florence (Sweet) Evans, '07, Independence. It was well attended by graduates, present and former students of the college.

The district is made up of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho, and Wilson counties. Earl J. Evans was elected president, J. O. Tulloss, '99, Sedan, was elected secretary-treasurer. The president is to appoint a vice-president from each of the nine counties who with the two officers elected shall constitute an executive committee.

The object of the association as set forth in the constitution is "to further and promote the interests of the College in every way possible, and to acquaint the graduates, former students and their families with each other and the needs and development of the college."

M. F. Ahearn, '13, director of athletics, and Oley Weaver, '11, executive secretary of the alumni association, were present. The following are charter members of the district association:

Allie (Peckham) Cordry, '82, Parsons; A. W. Cline, '04, Coffeyville; J. O. Tulloss, '99, Sedan; Earl J. Evans, '06, and Florence (Sweet) Evans, '07, Independence; S. S. Young, '08, Coffeyville; Vesta Smith, '13, Coffeyville; Harold Ewers, '15, Independence; R. E. Clegg, '22, Coffeyville; R. L. Bugardner, '22, Oswego; Ruth Floyd, '22, Sedan, and H. M. Cole, Independence.

The secretary-treasurer of the district association was at one time a member of the board of regents of the college.

### Oliver Goes To Missouri

G. W. Oliver, '20, is teaching vocational agriculture and coaching athletics in the Cameron (Mo.) high school. Note the apology,

"I never dreamed that I would ever leave Kansas, but as the college recommended me for this place I accepted. I shall keep in touch with doings at the college and will get back once in awhile. Will sure be back for Homecoming. Being a 'K' man, I couldn't miss the K. U.—Aggie game."

### Chicago Alumni to Cooperate

"The work which has been so nobly done by the alumni association during the past year is worthy of our untiring efforts and you may be assured of the very heartiest cooperation on the part of the branch of the association now existing in Chicago and of which I have the honor of being president. We are all rooters."—David G. Robertson, '86, 1140 Otis building, Chicago.

### Lovett Boosts A. A. Work

Claude Lovett, '16, owner of Homer Creek stock farm, Neal, plans to let someone else feed the purebred Shorthorns while he comes back to college for a day or so to renew acquaintances, possibly at Homecoming. Claude is an active member who wishes "to see the work of the alumni association go on."

### "A Mighty Fine School"

Let Ruth G. Taylor, '19, state supervisor of home economics, Santa Fe, N. M., tell it,

"I believe that I am only beginning properly to appreciate my Alma Mater. I was in Corvallis, Ore., not long ago attending a vocational home economics conference. When people would ask, 'And what is your college?' I would answer, 'Manhattan.' They invariably exclaimed, 'Oh, Manhattan! Well, a mighty fine school.' Of course that was not news to me but I was mighty glad to see that they properly appreciated it."

Miss Taylor assures the alumni association of her support and appreciation of its work.



## BETTER BEE MEN NOW

### APICULTURE IN TRANSITION PERIOD, MERRILL SAYS

With Awakening, Education in Subject Becomes More Important, Kansas Specialist States in Paper Read at International Congress

Beekeeping in America is in a state of transition, passing from the small indifferent beekeeper into the hands of the trained specialist or commercial beekeeper, according to a paper by Dr. J. H. Merrill, state apiarist of Kansas, read at the sixth International Congress of Apiculture, Marseilles, France, September 18. The subject of Doctor Merrill's paper was "Education Along Beekeeping Lines in the United States." He was one of a small group of Americans honored by being requested to prepare a paper for the congress.

"With this awakening," the paper continues, "has come an increased demand for some method of procuring and disseminating information on beekeeping. In an effort to meet this demand, the agricultural colleges throughout the country are establishing courses on apiculture and the investigators in the various state experiment stations are devoting considerable time to research problems in beekeeping."

#### TAUGHT IN HIGH SCHOOLS

Doctor Merrill's paper, in part, follows:

"The subject of beekeeping is more or less briefly taught in many of the high schools. But it is not possible to do much more there than simply to arouse the pupil's interest in beekeeping. The real teaching of apiculture properly falls on the agricultural colleges.

"In most of the colleges where beekeeping is taught, an effort is made to thoroughly instruct the students in a knowledge of bee behavior rather than apparatus and practices. This method of procedure is based on the fact that man cannot change the nature of bees and the better he understands them and their responses to different stimuli the better beekeeper he will become. If he is acquainted with their habits then it will be an easy matter for him to devise apparatus and methods applicable to his needs. In those colleges where beekeeping is taught, apiaries are usually maintained where the student is enabled to secure actual practice in the manipulation of bees in conjunction with his class room instruction.

#### LACK TRAINED MEN

"Of the 48 states, 29 are at present conducting courses on the subject of beekeeping. In 10 colleges there is but one course given; in seven there are two; in three there are four, and in two eight courses are offered. Five other colleges are carrying on extension work, correspondence courses, or short courses for the benefit of apiculture. The courses vary in importance according to the amount of time allowed for presentation. The tendency is toward installing a greater number of courses which will provide for more thorough instruction in the subject.

"At present the colleges are hampered in the carrying out of this plan by the lack of well trained men. As students are constantly being graduated each year, this objection should soon be overcome. While the statistics given as to the number of courses devoted to apiculture apply to present conditions, they probably would not hold true a year from now, due to the increased demand for instruction in the subject of beekeeping. As it is the purpose of the colleges to train their students as specialists, they will be qualified to act as teachers, investigators, or to engage in commercial beekeeping.

#### RESEARCH STRESSED

"The teaching of beekeeping in our colleges is very important, but the necessity for and the value of apicultural research in the experiment stations must not be overlook-

ed. The research workers of today are proving the truth or falsity of old theories and adding new facts to our present knowledge of beekeeping. Of all the entomological projects in the experiment stations of the country, those devoted to beekeeping rank second in number, constituting nearly one-half of the problems devoted to entomology.

"Nineteen states are today availing themselves of the privilege of doing extension work in beekeeping. The extension workers are bee specialists engaged in conveying information concerning proper methods of beekeeping directly to the beekeepers. In nearly every state in the union there are beekeepers' associations which meet periodically and the extension workers are always present when possible. In addition to attending these meetings, these specialists are constantly traveling from point to point, meeting with the beekeepers in their own apiaries and spreading the gospel of better beekeeping."

### KANSAS GETS SHARE OF FUNDS TO CARRY ON STUDY OF WHEAT

To Cooperate with Leland Stanford in Work

The department of agricultural economics of the Kansas experiment station, and the food research institute of Leland Stanford university have entered upon a cooperative arrangement for the study of wheat marketing in Kansas. Research in this field was begun nearly two years ago and the project as outlined covers the field of wheat marketing from the threshing machine to the central markets. The food research institute has as one of its aims the securing of reliable information on problems of handling and processing wheat from the producer to the ultimate consumer. The institute and the experiment station have the same purpose in view, namely the securing of reliable information. This made it desirable to get together in cooperative effort.

The funds placed at the disposal of the experiment station by the institute have enabled the department of agricultural economics to add another man to its research force. H. I. Richards has been chosen for this position. He was graduated from the Kansas State Agricultural college last June, agricultural economics having been his major study. He will work with Prof. R. M. Green, who is leader of the wheat marketing project.

### MORE MONEY FOR COUNTY AND HOME DEMONSTRATION AGENTS

Appropriations Are Larger Than for 1921-1922

County appropriations for agricultural and home demonstration agent work are larger for the year 1922-23 than for 1921-22. Reports to the county agent leader's office here from 49 counties show an average appropriation of \$2,187. The average for the 60 county agent counties last year was \$2,060. Eleven counties have not yet made their appropriations.

The highest county appropriation yet reported is \$5,400, made by Shawnee county. A few of the counties made the minimum appropriation of \$1,200.

In addition to the funds appropriated by the county commissioners, each organized county receives \$1,000 a year from federal Smith-Lever funds for county agent work, and those counties employing home demonstration agents, receive from \$1,000 to \$1,200 additional.

"This increase shows a tendency for county agent work to be more largely supported from public funds and less from farm bureau membership fees," Karl Knaus, county agent leader, said. "This does not mean a weakening of the county farm bureau; it is merely a change in the method of financing the work."

## OPEN WITH WASHBURN

### AGGIES WILL PLAY ICHABODS HERE NEXT SATURDAY

Three Wildcats on Hospital List as Bachman Points His Charges for Hardest Season of History—Two More Letter Men Report

As the Aggies enter upon their final week of preparation for the stiffest schedule in Aggie football history, 10 letter men are turning out daily for practice. "Susie" Sears, fullback on the Varsity team during the last two years, reported for practice Friday and "Swede" Axline drew a uniform Monday.

Sears arrived just in time to clear up a vexing situation occasioned by the injury of Butcher, substitute fullback. Butcher had his nose broken in a scrimmage the latter part of the week. Two other Aggies in addition to Butcher are on the hospital list, Leiter, lineman, and Cox, quarterback. All of the injured players will be out of the game for a number of weeks.

#### FIFTY ON SQUAD

The process of eliminating players has settled down to about 24 men, although fully 50 are reporting every day. Coach Bachman and his assistants are running three teams with 15 or 20 extra players working on the tackling dummy and kicking. Nine letter men probably will start the game against Washburn here next Saturday, but undoubtedly others will get a chance to demonstrate their ability.

#### The probable lineup:

L. E.—Webber, substitute end and center on last year's team.  
L. T.—Nichols, one year "K" man.  
L. G.—Hahn, captain and three stripes.  
C.—Perham, freshman of last year.  
R. G.—Schindler, two-letter man.  
R. T.—Staib, varsity man for the last three years.  
R. E.—Sebring, two letter man.  
Q. B.—Swartz, one letter man.  
R. H.—Burton, three stripes.  
L. H.—Stark, one letter man.  
F. B.—Sears, two letter man.

#### OTHERS RUNNING CLOSE

This lineup is not official. Munn, playing his first year on varsity, may beat Webber out of left end. Hutton, although 15 pounds lighter than Perham, is fighting hard for center, Laswell, 190-pound lineman who played with Bachman on the Great Lakes' team in 1917 and who was on the championship Atlantic fleet team in 1918, stands a good chance to get a regular berth at guard or tackle. "Red" Brown, quarterback and halfback, will hardly replace Swartz unless the unexpected happens and Washburn falls easy prey to the Aggies, but Brown is an all round good man. He kicks well, is a reliable passer, and carries the ball unusually well.

Clements and Portnier, the former substitute of last year, and the latter on the 1921 freshman team, may be considered still in the running for fullback. Brandley, substitute halfback, has improved considerably since last year and Shaw, another backfield man, is being watched by the coaches. Doolan is an end of considerable promise, while Franz, who is playing his fourth year with varsity, is bending every effort to earn his first "K" this season.

#### RECENT WASHBURN SCORES

Recent Aggie-Washburn scores seem to indicate a fairly easy hurdle for K. S. A. C. next Saturday. Since 1911 the scores have been as follows:

	Aggies	Washburn
1912	21	3
1913	6	6
1914	16	26
1915	6	0
1916	47	0
1917	38	0
1918	28	9
1919	No game	
1920	0	0
1921	No game	

The game with Washburn is a return match for the 0-0 tie of Thanksgiving day, 1920. The Aggie schedule would not permit a date with Washburn last season, so that it had to be postponed until this year.

THE SCHEDULE	
October 7—Washburn at Manhattan.	
October 14—Washington at St. Louis.	
October 21—Oklahoma at Norman.	
October 28—Kansas at Manhattan (Homecoming).	
November 4—Missouri at Columbia.	
November 11—Ames at Manhattan.	
November 18—Nebraska at Lincoln.	
November 30—Texas Christian university at Manhattan.	

Washburn will have an advantage over the Aggies in being permitted to use first year men. The Topeka college has a line which will outweigh the Aggie forward wall more than 10 pounds to the man. Washburn is somewhat handicapped, however, in working with a new coach, G. D. Vosburg, who came to the Ichabods at the beginning of the present season from the state normal school at Whitewater, Wis. The team will also be handicapped by playing away from home. Overconfidence on the part of the Aggies may work in favor of the visitors.

#### NEW AGGIE COACHES

The Aggie coaching staff was strengthened last week by the addition of two men, which brings Coach Bachman's staff to five members. All of his assistants except Ted Curtiss, who coaches freshmen, are members of the college faculty or postgraduate students who volunteer their time.

The new members are Frank Root and V. M. Williams. Root was an Aggie right end and halfback from 1911 to 1914. He was a successful high school coach at Winfield in 1915, 1916, and 1917. He is taking postgraduate work in the college this season. Williams, who is a member of the extension division faculty, was a line coach and scout for the University of Minnesota last season. He played on the Minnesota team previous to that.

Captain Jackson, Doctor Muldoon, and Doctor Holtz, who were members of Bachman's coaching staff last season are still giving their time each afternoon on the football field.

### COST OF OPERATING COLLEGE NEARLY \$2,000,000 ANNUALLY

Estimated Annual Expenditures of Attending Students More Than \$1,000,000 Additional

Nearly \$3,000,000 every year is spent by the Kansas State Agricultural college and students attending college. By far the largest item of expenditures is for salaries, totaling \$809,488.45. Labor is the second largest item, requiring an annual expenditure of \$390,535.51. The following list of expenditures as obtained at the business office of the college shows the amount of money spent by the institution in one year:

Salaries .....	\$809,488.45
Labor .....	390,535.51
Publications .....	2,257.00
Postage and stationery .....	30,818.89
Freight and express .....	53,628.63
Heat, light, water, power .....	68,981.88
Chemicals and laboratory supplies .....	20,080.42
Sundry supplies .....	129,866.20
Feeding stuffs .....	50,816.63
Library .....	10,988.91
Tools, machinery, etc .....	52,682.04
Furniture and fixtures .....	13,129.69
Scientific apparatus, etc .....	2,053.32
Livestock .....	21,767.99
Traveling expenses .....	60,113.55
Contingent expenses .....	6,554.17
Buildings and land .....	123,098.82

Total for the year .....\$1,846,862.10  
This is only the amount expended by the institution in a year. It has been estimated that the average student spends \$50 a month. Twenty-five hundred students spend \$1,250,000 during the nine months of school. This sum added to the sum spent by the institution gives a total of \$2,971,862.10, or nearly \$3,000,000.

Chemical fire extinguishers are good investments for farms where there are no other means of fire protection.

## FIVE AGGIE ENGINEERS LISTED IN HONOR ROLL

Faculty Members' Names Among Leaders of Profession in Specialized "Who's Who"

"Who's Who in Engineering", a new publication which carries the "Who's Who" principle to the specialized field of engineering, contains the names of five members of the engineering faculty of the Kansas State Agricultural college.

Members whose names appear are R. A. Seaton, dean of the division of engineering; L. E. Conrad, professor of civil engineering; H. B. Walker, professor of agricultural engineering; and J. L. Brenneman, assistant professor of electrical engineering.

## RUSSIAN KNAPWEED FOUND IN KANSAS

Alfalfa Pest, Native of Caspian Sea Region, Gets Start in State—Described in New Bulletin

Russian knapweed, a new weed in Kansas, has appeared in the northeastern part of the state. It was reported to the seed laboratory of the Kansas State Agricultural college by J. W. Head of Clifton, Washington county.

The weed is a native of the Caspian sea region of southern Russia where it is a pest in alfalfa fields. Seed of this plant was brought into this country in shipments of Turkestan alfalfa, it is believed. Farmers who have planted Turkestan alfalfa are advised to see if any of these weeds are present. Turkestan alfalfa seed looks like old seed of ordinary alfalfa.

If there is any question about seed which farmers contemplate buying, the station suggests that it would be advisable to send samples for analysis to the seed laboratory of the station at Manhattan.

Russian knapweed is a perennial from one to two feet in height, with a long stout root. Because of this long root the weed is likely to become a pest. This feature of its growth makes eradication difficult.

Circular 94, just issued by the experiment station, urges that farmers and others interested cooperate with the station to the end that the spread of the weed in Kansas be controlled. The circular gives detailed description and illustrations of the plant. R. L. Hensel, associate professor of pasture management, and Mrs. E. P. Harling, seed analyst, are joint authors of the publication, a copy of which will be furnished free upon application.

### STUDENTS OF JOURNALISM TO COMPETE IN ESSAY CONTEST

Saddle and Sirloin Club Offers Three Medals

Students enrolled in industrial feature writing and agricultural journalism in the college will compete in the annual medal essay contest of the Saddle and Sirloin club, Chicago. All undergraduate students in agricultural colleges in the United States and Canada are eligible to compete.

The subject of the essays will be "The Principal Factors in Successful Livestock Production." No essays may exceed 1,500 words. Competing compositions must be in the hands of the committee chairman, Charles E. Snyder, 836 Exchange avenue, Chicago, not later than November 1.

The essays will be judged by a committee of competent men, and awards announced at the time of the "International." The first prize will be a gold medal; second prize, sterling silver medal; and third prize, bronze medal.

Setting the cream separator upon pieces of three quarter inch pipe about 1 1/2 inches long will facilitate cleaning the milk house floor.

Children and women need more iron in the diet than men.



# THE KANSAS INDUSTRIALIST

Volume 49

Kansas State Agricultural College, Manhattan, Wednesday, October 11, 1922

Number 4

## KANRED IS DEFENDED

L. E. CALL, K. S. A. C. AGRONOMIST,  
ANSWERS CRITICISMS

Superiority of New Variety of Wheat  
Over Turkey Demonstrated by 12  
Years of Comparative Growth—  
Objections Explained

The statement regarding Kanred wheat reproduced herewith was prepared by L. E. Call, agronomist of the Kansas agricultural experiment station, in the form of a letter replying to a communication from C. W. Yoder of Morrill. Mr. Yoder stated that he had heard many complaints this season about Kanred wheat.

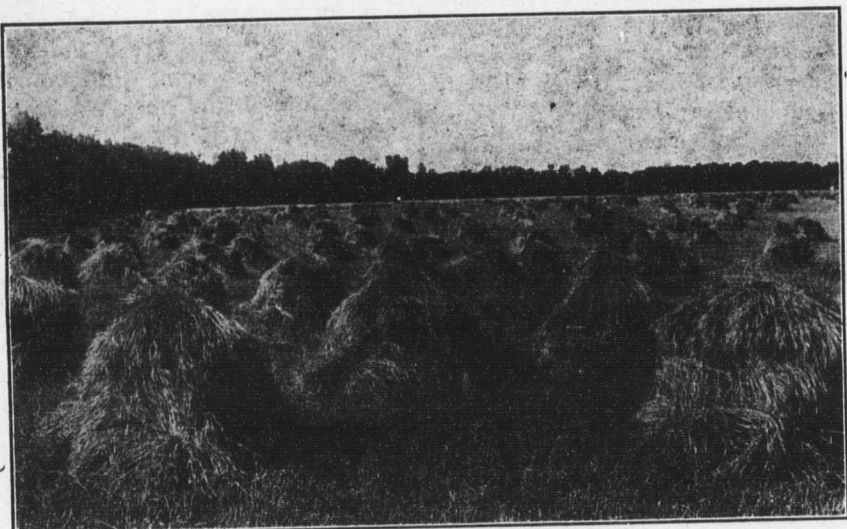
"The largest yields have been where Turkey was sown," he wrote. "Whether justly or not the cause is attributed to the variety sown. The dealers complain that Kanred does not test as good as Turkey and that its milling qualities are inferior to the Turkey. There are no ads in local papers for Kanred seed wheat this season, but I have heard many inquiries for Turkey. Are the objections mentioned well founded and if so why was Kanred boosted so by the station and farm papers?"

The reason that this institution and the farm press in this state have recommended Kanred wheat for

considerable difficulty with winter killing, and in 1916 when the wheat was very seriously damaged by orange leaf rust. It was largely due to the resistance of Kanred to orange leaf rust that it made such an outstanding high yield in 1916. It is only in seasons of this kind that we naturally expect Kanred to greatly outyield the old types of Turkey wheat, because it is only in these seasons when the variety has any characteristic that will enable it to produce better than the old varieties.

### ON FARMS ALSO

Our cooperative tests with farmers substantiate the results that have been obtained at this institution. We have compared Kanred and Turkey in cooperation tests with farmers since 1914. From 1914 to 1917 there were a comparatively small number of tests and in giving the yields of the two varieties, I have averaged the tests for the state as a whole. Since 1917 we have had many more tests, and I have divided the state into sections and given yields for Kanred and Turkey for northeastern Kansas and for the central and western portion of the state. The results of these tests have been as follows:



A FIELD OF KANRED WHEAT

planting in the hard wheat section of Kansas is because this variety has as an average of many years outyielded the old strains of Turkey wheat.

When we consider the yields of these two varieties for the last twelve years at the Kansas State Agricultural college, we find that they have produced as follows:

	Kanred	Turkey	Diff.
1911	34.6	31.1	3.5
1912	19.8	13.2	6.6
1913	37.0	33.6	3.4
1914	35.2	36.1	-.9
1915	25.9	23.0	2.9
1916	33.5	22.2	11.3
1917	16.6	13.1	3.5
1918	21.7	16.3	5.4
1919	20.7	20.9	-.2
1920	31.3	29.4	1.9
1921	33.1	30.7	2.4
1922	37.3	37.1	0.2
Average for 12 years	28.9	25.6	3.3

### WHY SOME YIELDS ARE LOW

You will see that as an average of these years, 1911 to 1922, Kanred at this institution has produced 3.3 bushels more wheat to the acre than our best selection of the old Turkey wheat. During these twelve years, however, there have been two years when Turkey gave a higher yield to the acre than Kanred. These seasons were 1914 and 1919, two years when weather conditions were almost ideal as far as moisture was concerned. In fact, in 1919 there was so much moisture that the wheat lodged, which accounts for the comparatively low yield of both Kanred and Turkey that season.

There was one year, 1922, when the yields of the two varieties were identical. In all other years, Kanred has exceeded Turkey in yield. The greatest difference in yield has occurred in those seasons like 1912, 1917, and 1918, when there was

### NORTHEASTERN KANSAS

Tests	No. of Kanred	Turkey	Diff.
1914	20	31.6	30.5
1915	8	29.0	28.1
1916	9	28.1	28.9
1917	13	21.0	18.0
1918	9	22.0	19.8
1919	26.5	24.3	2.2
Average	26.5	24.3	2.2

### CENTRAL AND WESTERN KANSAS

Tests	No. of Kanred	Turkey	Diff.
1914	15	30.5	28.2
1915	21	24.4	21.7
1916	21	26.3	20.4
1917	11	23.7	21.9
1918	19	23.0	20.3
1919	17	22.1	18.5
1920	24	21.8	19.8
1921	27	22.6	18.7
1922	43	22.3	21.3
Average	24.1	21.2	2.9

You will notice that as an average of nine years Kanred has produced approximately three bushels more wheat to the acre in central and western Kansas than has Turkey. As an average of the last five years in northeastern Kansas, the difference has been a little over two bushels in favor of Kanred. There is very seldom a season, however, that even in a territory as small as northeastern Kansas, there are not some tests where conditions are such that Turkey equals or exceeds Kanred in yield.

### YIELDS 2.2 BUSHELS MORE

This last summer as an average of nine tests, Kanred exceeded the yield of Turkey by 2.2 bushels in that section of the state, but there were two cases out of nine where Turkey exceeded the yield of Kanred. In one test in Doniphan county, Turkey made an average yield of approximately 22 bushels while Kanred produced slightly less than 20. In another case in Jefferson county, Tur-

(Concluded on page eight)

## WIN 52 FIRST PRIZES

### COLLEGE ANIMALS MAKE GOOD RECORDS AT FAIRS

Although Handicapped by Lack of Funds Animal Husbandry Department Comes Through with Creditable Showing

Animals from the state agricultural college's herds and flocks, on exhibition at the fairs at Topeka and Hutchinson were awarded 52 first prizes, 23 second prizes, and 21 third prizes. Seven fourths, one fifth, two sixths and one seventh were also awarded.

Considering the handicaps under which the animal husbandry department of K. S. A. C. is working, it is remarkable that so many first prizes were received. One of the greatest handicaps facing the department is the insufficient amount of funds as compared with the capital of individual breeders.

### COLLEGE HANDICAPPED

"The college has never had money enough to pay more than \$150 for a herd boar, yet we showed our pigs against ones sired by boars costing from \$3,000 to \$10,000," said Prof. C. W. McCampbell, head of the animal husbandry department, in discussing the winnings of his animals.

Professor McCampbell stated that individual breeders are also in a position to pay more money for prize bulls for breeding their stock.

Another handicap is the fact that while the individual breeder may concentrate all his efforts on one breed of animal, the college must divide its energy among many different breeds and types. While the individual may select an animal from a herd of from 100 to 300 head, the college is limited in selection to from 10 to 20 head.

A complete list of college animals placing in the two shows follows:

### AT FREE FAIR

Winings at Kansas Free fair, Poland China hogs, boars, senior pigs—fourth on Rainbow's Wonder Knight; senior pig futurity—fourth on Rainbow's Wonder Knight. Sows, senior pigs—third on Rainbow's Wonder Queen, and fourth on Rainbow's Wonder Queen Second; senior pig futurity—first on Rainbow's Wonder Queen First and second on Rainbow's Wonder Queen Second; senior futurity litter—first.

Fat Cattle, senior yearlings, 10 shown—first, third and fourth; junior yearlings, 40 shown—first; groups (three steers under two years)—first and third.

PERCHERON HORSES, stallion foal, eight shown—first on Junco; mares, 5 years and under 10, nine shown—first on Colgour, four shown—second on Vannette; yearling mares, 13 shown—first on Alline, third on Masse Second, and fourth on Annette Second; foal, 11 shown—seventh on Annabel; get of sire, seven entries shown—fourth on get of Big Ben; mare and foal, 11 shown—third.

BELGIAN HORSES, stallions, one year and under two—first on Farceur's Choice; foal—first on Colgour; mares, one year and under two—first on Farvelle and second on Farceur Lady; foal—first on Catherine; champion mare—Farvelle; groups stud—first; get of sire—first on get of Farceur; produce of dam—second on Grace.

SHEEP, 300 sheep, owned by six exhibitors, were in the sheep show. There were six divisions—Shropshires, Hampshires, Dorsets, Southdowns, Cotswolds, and Fat Sheep.

SHROPSHIRE, aged ram—first and third; yearling rams—second; ram lambs under 1 year—first; aged ewes—second; ewe lambs—first and third; get of sire—first; flock—first; Kansas bred flock—first; lamb flock—first; flock bred in Kansas—first; American Shropshire special, pen of four—first.

DORSETS, aged ram—first; yearling ram—first and second; ram lamb—first; aged ewe—first; yearling ewe—first; ewe lamb—third; champion ram—first; champion ewe—first; get of sire—second and third; flock—first; Kansas bred flock—first.

SOUTHDOWN, aged rams—first and second; yearling ram—first, second, and third; ram lambs—second and third; aged ewes—first and second; yearling ewes—third; ewe lambs—third; champion ram—first; get of sire—second; flock—second; Kansas bred flock—first and second.

COTSWOLDS, aged ewes—third; yearling ewes—third.

FAT SHEEP, fat wethers under one year—first and third; yearling wethers—first and second; champion wether—first.

### WINNINGS AT STATE FAIR

FAT CATTLE, senior yearlings, eight shown—Eristocrat (Angus), second; Erick's Pride (Angus), third; Pride's Eric Lad (Angus), fourth. Junior yearlings, six shown—College

### THE SCHEDULE

October 7—Washburn 0, K. S. A. C. 47  
October 14—Washington at St. Louis.  
October 21—Oklahoma at Norman.  
October 28—Kansas at Manhattan (Homecoming).  
November 4—Missouri at Columbia.  
November 11—Ames at Manhattan.  
November 18—Nebraska at Lincoln.  
November 30—Texas Christian university at Manhattan.

Marauder Fourth (Shorthorn), first. Steer herds, five shown—first (Angus).

DAIRY CATTLE—GUERNSEYS yearling bull, five shown—third on Langwater Uncas.

PERCHERON HORSES, stallion foals, nine shown—first on Junco; aged mares, 14 shown—sixth on Vannette; yearlings and Kansas Breeders' special, seven shown—first on Alline, third on Masse Second, and fourth on Annette Second; filly foals and Kansas Breeders' special, eight shown—first on Masse's Lady and fifth on Annabel; junior and grand champion mare—Alline; produce of mare, eight shown—second on produce of V. Laura; get of sire, nine entries—second on get of Big Ben; best stud, eight shown—third.

BELGIANS, yearling stallions—first on Colgour; stallion foals, one shown—first on Colgour, Kansas Belgian Breeders' special, four shown—second on Colgour and third on Farceur's Choice; yearling mares, two shown—first on Farzelle and second on Farceur's Lady; mare foal, one shown—first on Catherine; Kansas Belgian Breeders' special (mares), six shown—first on Farzelle, second on Farceur's Lady, and third on Catherine; champion mare—Farzelle; produce of mare, three entries—second on produce of Grace; get of sire, two entries—first on get of Farceur; best stud, two shown—first.

## WORLD DISTRESS DUE TO BREAKDOWN OF POLITICS

Eighteenth Century Machinery Should Be Scrapped, Says Harold T. Chase in Address to Students

Politics throughout the world has broken down. Whereas business, science, and other phases of life have made notable changes, politics is still attempting to use the machinery of the eighteenth century. The breakdown of politics was responsible for the world war. It is responsible for present international and domestic troubles.

These views were expressed by Harold T. Chase, editor of The Topeka Daily Capital, in an address before the students in the course in industrial journalism Monday.

In contrast with the attitude of business men who urge the placing of business men in congress, Mr. Chase urged the placing of experts, not only in legislative bodies, but in administrative offices.

The place of the newspaper in bringing about useful changes in politics and other fields was emphasized by the speaker, who pointed out that the newspaper has an access to the public which no other institution possesses.

"The newspaper is the only organ," he said, "which can bring all significant elements of our life into a coherent whole. So far we really have not found out what the newspaper is for—what it really can accomplish."

Biology, psychology, and ethics were presented by Mr. Chase as the most important background for the practicing journalist. He laid stress on the importance of studying the new objective psychology and ethics instead of the old discredited sorts. "Now for the first time," he commented, "these subjects are sciences based on actual investigation and not on tradition. Upon a grasp of these and of biology the whole newspaper problem depends."

A wooden rack on the wall or in the kitchen drawer keeps paring knives apart and saves their edges.

## THEY'RE COMING BACK

### AGGIES ARE WRITING FOR HOME-COMING RESERVATIONS

Alumni Office Reports Numerous Letters from Old Grads Who Expect to See Wildcat-Jayhawk Game October 28

The Aggies are coming back. Numerous letters daily to the alumni association's executive secretary tell of plans being made to keep clear October 28 for a visit to Alma Mater and attendance at the Wildcat-Jayhawk football game. And as plans are being made by graduates, former students, and friends of the college to return for the annual fall visit, the alumni office is developing a program.

The program starts Friday, the day before the football game. Classes will be in session as usual throughout the day, affording visitors opportunity to see the college at work. This is a privilege not afforded Commencement week visitors, making the fall visit more attractive to serious minded alumni.

### DINNER FOR ALUMNI

A dinner is being arranged by the stadium committee for Homecoming alumni who volunteer to aid in the campaign for funds to complete the memorial structure. This will precede the college and alumni pep meeting in the auditorium.

All students organizations have been asked to offer no inducements to visitors that would keep them from the pep meeting, and most of them already have consented. The meeting will be over early enough to permit attendance at social functions set for a later hour.

### PARADE—BRING A COSTUME

Saturday will be a busy day for the visitors. The game, and the excitement of preparation, will occupy the afternoon. In the evening, the Aggies believe, a parade will be the best form of celebration. Costumes will be similar to those worn on like occasions in days gone by, and visitors should provide their own before coming—Manhattan stores will be sold out.

Literary societies are planning special programs for Saturday night to which former members will be welcome. Sunday will see all students at church, as usual, where late arising friends may find them before leaving the city.

### ASK MR. WEAVER

The alumni office does not feel the necessity for working out a program in detail, as it is a characteristic of visitors to the campus that they entertain themselves most readily. Those who have been here before have definite places to visit—class room, office, or farm. Others fill a day looking over the college plant. The alumni secretary, Oley Weaver, will have a desk in the recreation center where visitors may register and obtain the usual needed information.

### NEXT HURDLE LOOKS EASY

Aggies Play Washington University at St. Louis Saturday

Getting ready for the first Missouri Valley conference contest of the present season, Coach Bachman's Aggies are putting just a little more time into signal practice and scrimmage and executing plays with just a little more care than previously in preparation for the game with Washington university at St. Louis Saturday.

The Wildcats will not have the services of Ding Burton, star right halfback and pivot man in the much feared Aggie forward passing combination Saturday. Burton received a painful injury to his side, probably

(Concluded on page eight)



## AMONG THE ALUMNI

Nelson Boyle, '20, is at the State Training school, Winfield.

George E. Starkey, '22, is in charge of a dairy herd at Alsuma, Okla.

Jas. C. Riney, '16, has removed from Gentry, Ark., to Dallas, Ore.

J. J. Seright, '22, is living at 6762 R, Vermont street, St. Louis.

G. M. Glendening, '22, is now at 320 Ostrander place, Schenectady, N. Y.

E. A. Herr, '21, is county agent for Ellis county with headquarters at Hays.

Mildred Halstead, '22, is teaching home economics at Marymount college, Salina.

Lynn Copeland, '22, 602 Medary, is with the South Dakota State college at Brookings.

Adelaide E. Beedle, '20, is teaching home economics in the high school at Morland.

Grace (Parker) Perry, '80, has removed to 406 1/2 Twenty-sixth Street North, Portland, Ore.

J. A. Nicolay, '13, Parsons, expects to come home on the day set apart for the pilgrimage.

O. S. Taylor, '14, checks in from Wann, Okla., as an active member of the alumni association.

J. R. Starkey, '22, is getting started as a veterinary practitioner at Riehl Bldg., Blackwell, Ok.

George C. Anderson, '21, is an instructor in the dairy department, University of Idaho, Moscow.

Elvira McKee, '14, is cafeteria manager in the Sam Houston Normal college, Huntsville, Tex.

Harold Howe, '22, wishes particulars of the Aggie victory over K. U. sent him at the agricultural experiment station, University of Maryland, College Park.

C. F. Morris, '21, with the Chas. Daugherty company, now has charge of all electrical construction and experimental work carried on at the company's Denver plant.

Lester B. Pollom, '13, state supervisor of vocational agriculture, Topeka, is manipulating his business program to fit the Aggie football schedule and will be here for Homecoming.

Fred Hall, 21, and R. D. Hillyard, former student, are with the Century Electric company, St. Louis. The company has written Prof. C. E. Reid for the names of graduate students interested in sales work.

M. Marie Coons, '09, writes from 805 North Eighth street, Kansas City, Kan., that she enjoys managing the cafeteria in the high school. THE INDUSTRIALIST, she says, is well received by the high school journalism department.

Anna M. Neer, '17, 206 North Euclid street, Princeton, Ill., is now acting as home adviser for Bureau county. She has in mind a contribution for the Stadium and thinks Laura Ramsey, '17, had a brilliant idea when she suggested using the '17 Class fund also for that purpose.

E. D. Richardson, '06, Cawker City, manufacturer of the "Humane Extension Feeder" and numerous other mechanical devices, checks in as an active member of the alumni association. Richardson is the man who designed and built a four-cylinder gasoline tractor as his college thesis.

J. C. Holmes, '12, has left the extension department of the South Dakota agricultural college and is assistant to the commissioner of the state department of agriculture in livestock and wool at Pierre. "Jake," however, still lives at Brookings where the K. S. A. C. grads are planning a meeting October 28, Hobo Day at the college. He says he has been out scouting the country for livestock.

Myrl Thornburg, '22, is teaching domestic science in the Riley high school.

Ethel Grace Van Gilder, '22, is teaching domestic science in Ellsworth college, Iowa Falls, Iowa.

Bernice Wilson Raunick, '15, formerly of 6847 East End avenue, Chicago, has moved to Sycamore, Ill.

M. E. Ptacek, '22, is teaching vocational agriculture in the Mound City schools, but he will return for Homecoming.

G. C. Anderson, '21, a member of the dairy judging team, has accepted a place with the dairy department of the University of Idaho, Moscow.

R. S. Breese, '21, on leave of absence from the American Telephone and Telegraph company, Chicago, has entered Columbia university for post-graduate work.

Phil Williams, f. s., '19 and '20, is enrolled in a course in literature and journalism in the University of Michigan this school year. He was engaged as a reporter and assistant Sunday editor of the Milwaukee Journal last year. He plans to enter Amherst to complete his work for a degree next year.

### Wildcats in the Making

That the Aggie football squad is a credit to the institution was the opinion of E. W. Cochrane, sporting editor of the Kansas City Journal-Post, after the game with Washburn Saturday. Cochrane was referee.

"It is a remarkable array of talent," he said, "and the team should be feared throughout the valley. They got off to a good start today and should improve with succeeding contests."

It is typical of Coach Bachman's teams that they do improve rapidly as the season ages, each game serving to add proficiency to team work and individual playing ability. This fact, as shown last season, Cochrane probably had in mind.

Since the Aggies have a very difficult schedule this year, no easy games alternating with the hard ones, continued improvement will be necessary to turn in a high percentage. The Aggies face Oklahoma, K. U., Missouri, Ames, and Nebraska at weekly intervals. Which is a real assignment.

### A. C. McClintic Dies

A. C. McClintic, the husband of Carrie (Gates) McClintic, '10, died July 29 at Rochester, Minn., where he had been taking radium treatment to relieve granuloma.

Mrs. McClintic is continuing the insurance business developed by her husband at Beloit. She is secretary of the Marshall county alumni association.

### Another Happy Alumnus

Elizabeth McCall, '18, superintendent of public instruction, Trego county, Kansas, checks in as an active alumnus from Wakeeney.

"I am glad the alumni association is doing such good work," she says, "and I know it will continue in the same way."

### Wilkin Sisters Coming Back

Edna Wilkin, '20, teacher of domestic art, and Alma Wilkin, '20, teacher of domestic science in the Reno county high school, Nickerson, will be back for the Homecoming game October 28.

Both are very much interested in the alumni work, they write, and while they are active members of the association are sorry they are unable to do more.

### A Toast From Hawaii

"Here's to the success of the Wildcats," writes J. M. Westgate, '07, from the U. S. experiment station, Honolulu, "may they ever be long on the scratch."

Westgate had the pleasure of attending Homecoming last year but he insists he is too far removed from Kansas to make the trip each year. He boosts the association from ukelele land.

## LOOKING AROUND

OLEY WEAVER, '11

The greatest asset a business, an individual or a college can have is the spirit of progress. Without that all else is largely in vain. With it every good thing is possible.

But progress for a college does not mean necessarily the adoption of new and radical ideas upon alumni initiative without proper consideration. Should they prove impractical, it is the college and not the alumni body which suffers.

Progress may be slow or rapid, depending upon the degree of conservatism in the administrative officers and the alumni. The proper consideration of a progressive measure should be by both forces before its final adoption.

The interest and intelligent support of the alumni is one of the greatest sources of strength in the college. The interest may be stimulated in every possible way, but it must be exerted only in ways and through channels that make for the ultimate good of the college.

It sometimes is difficult to perceive in the glamor of the immediate and the obvious the wise course to take, but it is a duty of the alumni to give consideration to the warp and the woof from which colleges are made, not forgetting the utility and beauty of the completed fabric.

Questions are not to be decided on their merits alone but on their effect when woven into the fabric. One line of action may be desirable when considered separate and apart, yet in combination would mar both beauty and utility.

The spirit of progress which remained as a spark in the college alumni for so long is being fanned into a blaze. Properly restricted, the fire will be beneficial. Otherwise, the energy will be devastating. The heat first should be directed toward the alumni body itself to purge errors, traits, and tendencies which retard progress, and to fire the indifferent with willingness to receive and act upon new ideas. Selfishness must be consumed.

Sound motives must ever prevail in any helpful alumni body, and willingness to give up fake and temporary success for vital and permanent growth; eagerness to utilize every wholesome opportunity, enthusiasm to strive for excellence for its own sake, and the energy to push on. With this spirit, growth—progress—is inevitable.

The world may furnish many opportunities, appreciation will quicken some motives, and the onward movement of events can change some conditions, but that fire—the spirit of progress—must come from within, must spring up in a moment of noble resolve, and must never be allowed to die.

Examine into the progress and success of any business, individual or college and you will see how that vital spark, fanned into a blaze, made all their achievements possible—and maybe you will find the spark yourself.

### Johnson Plans a Church

Myron E. Johnson, '19, is in the office of T. P. Barker, architect, Room 474, First National Bank building, Colorado Springs.

"At present," he writes, "we are very busy on the plans for a large Gothic church for Pasadena, Cal. I came out here four months ago to help out on this particular job and it looks as if we will be at it for another four months."

Mr. Johnson and Edith (Kelly) Johnson are the parents of a son, Loren Gale, born March 14. Their little girl, Jo Ann, is now 2 years old, he says, and "is quite capable of letting the world know she lives in it."

### Charles Hunter to South Dakota

Charles A. Hunter, '15, and Besie (Hildreth) Hunter, '16, are at Vermillion, S. D., where Mr. Hunter is professor of bacteriology in the University of South Dakota and assistant director of the state health laboratory. Hunter was for five years in charge of the bacteriology work at the Pennsylvania State college.

A son whom they have named Junior was born to Professor and Mrs. Hunter in May, to play with their daughter.

### A Little Lonely in Texas

H. E. Rose, '15, who is helping the receiver in the Oklahoma oil lands dispute, at Wichita Falls, Tex., says the receivership may be terminated at the fall term of the United States supreme court.

"I rather hope so," he adds, "even though it means losing my job. But I'd like to get nearer home on my next work."

The receiver is operating the wells in the Red river bottom whence the trouble arose between the two states. The case has been on the docket two years.

### She Feeds 550 College Men

Alice H. Mustard, '21, is dietitian in the men's dormitory at the state college of Washington, Pullman, where meals are served to 550 men. She is also an instructor in the college of home economics.

"I am delighted," she says, "to continue my active membership in the alumni association because I feel that it is a worthy cause. We all look forward to a grand and glorious year in every way."

Miss Mustard attended the meeting of the American Home Economics association at Corvallis, Ore., last summer and met several Kansas State graduates and former students.

"I am always glad," she says, "that I can say I am a Kansas Aggie."

### No Apology Is Necessary

Edith (Givens) Barker, '13, Seward, Neb., apologizes in these words as she pays her dues as an active alumnus,

"While I have been slow in sending the same, I am not slow in appreciating K. S. A. C. and the alumni association and what both are accomplishing."

## BIRTHS

O. O. Young and Ruth (Graybill) Young, '13, Hinckley, Utah, announce the birth September 12 of a daughter whom they have named Jean.

Chas. F. Croyle, former student, and Esther (St. John) Croyle, '16, 1611 Eighth street, Greeley, Col., announce the birth September 22, of a daughter whom they have named Winifred Blanche.

Walter H. Steffey, f. s. '07-'10, and Lillian (Clemmons) Steffey, '10, 922 East Sixty-fifth street, Seattle, Wash., announce the birth July 28 of a son whom they have named Earl Howard.

D. F. Jones, '11, and Eleanor (March) Jones, '09, 321 Fountain street, New Haven, Conn., announce the birth of a daughter September 30, whom they have named Margaret Louise.

Frank R. Rawson, '16, and Mary (Covert) Rawson, '19, 436 Concord avenue, Boulder, Col., announce the birth of a daughter August 21, whom they have named Ruth Evelyn.

## FORT HAYS AGGIES PLAN BANQUET ON OCTOBER 20

Spread Will Take Place on Last Day of Teachers' Association Convention

A banquet for all K. S. A. C. graduates, former students, friends and their families living in central or western Kansas will be given at Hays at noon October 20, the last day of the Teachers' association convention.

Elizabeth Agnew, '00, dean of women, Fort Hays, Kansas normal; L. C. Aicher, '10, superintendent of the Fort Hays experiment station; and A. W. Seng, '11, city manager for Hays, have constituted themselves a committee to prepare the banquet.

The committee promises a cordial welcome to all guests "who may be coerced to attend the convention or who may come whether they attend the convention or not." And the committee will make its "best endeavor to uphold the traditions and honors of old K. S. A. C. while conducting the forthcoming banquet with dignity, entertainment, and plenty."

The banquet will be informal, affording the guests opportunity to talk over the times that were, among themselves and with members of the college faculty who expect to be there. Persons knowing in advance that they will be able to attend the banquet should favor the committee with the information.

### Washington Alumni Body Needed

E. G. Schafer, '07, head of the department of farm crops, State College of Washington, Pullman, believes there should be a Washington organization of K. S. A. C. alumni.

"It is possible," he says, "that some of the members of this state organization could get together on certain occasions. This would be especially desirable if someone from the college visited in this state. This would offer a means by which alumni of this and other states would be able to keep in closer touch with the college."

With Schafer leading the agitation, watch for the announcement of the organization.

### '22 Vets Are Located

In the 1922 class, nine graduated in veterinary medicine. Six of the men are veterinary practitioners, others are in colleges, and one man is extension veterinarian.

These men are practitioners, Kenneth C. Marley, Clark, Neb.; E. J. Jelden, Whitewater; F. S. Ratts, Hopper, Neb.; J. R. Starkey, Riehl Bldg., Blackwell, Ok.; Fred W. Williams, Hunter; and J. A. McKitterick, Greenwood, Mo.; McKitterick is also a breeder of Hereford cattle.

D. E. Davis is K. S. A. C. extension veterinarian. Aubrey M. Lee is associate professor of veterinary medicine in the University of Wyoming, at Laramie. John W. Van Vliet has a fellowship in animal and plant pathology at the University of Illinois.

### A Stadium Pledge Ready

Clayton A. McIntosh, '14, principal of Union high school, Elizabeth, Col., has his stadium pledge ready. Which is a suggestion to all K. S. A. C. alumni. This fall will witness the first call by Alma Mater on the alumni to do something really big.

### Laine Gets Promotion

Maurice Laine, industrial journalism '22, will leave soon for Cleveland, Ohio, where he has a position as contract man with the Capper publications. Laine took up work in the advertising department of the Capper publications at Topeka last June. His new position will give him a wider field in which to work. In his new work he will deal directly with large organization heads in getting new contracts for advertising appropriations.



# AGGIE GIRL TELLS OF LAND OF ETERNAL KANSAS AUGUST

Mrs. Mae (Sweet) Hagan, '17, Writes from Java, Stopping Point on Trip Around World Upon Which She and Her Husband, J. S. Hagan, '16, Set Out Early in Year in Interest of Westinghouse Company—Travelers Now in Japan, Having Touched Holland, France, Suez, Ceylon, and Sumatra.

A trip around the world for the Westinghouse company was the good fortune of J. S. Hagan, '16, and Mae (Sweet) Hagan, '17, Wilkesburg, Pa. They started eastward early this year, through Holland, France, the Suez, Ceylon, Sumatra, and Java. They now are in Japan. Mrs. Hagan wrote June 15 from Weltevreden, Java, to a friend an account of their trip. Excerpts from the letter follow:

"We have had a very interesting trip and have enjoyed it in spite of the monotonous spells here and there. After leaving Holland we went to Paris for a few days. Unfortunately, it rained practically all the time we were there so we did not see it under the most favorable auspices. Also it is a fine place to stay away from unless you have lots of money or a strong will power to resist the temptation of the shops.

## LIKE ENTERING GOLDEN GATE

"I looked longingly at the big polished signs of Worth and Jenny and Paquin and other famous ones, but of course had no chance to go inside. I had better sense than to try for you know it takes a reference and a recommendation, almost as strict as that necessary to pass the golden portal itself, to get inside their doors. There isn't anything in their windows except perhaps a length of some beautiful material, a bit of lace, or some accessories such as gloves or hand bags. They evidently are not showing off any of their creations for the benefit of the general public.

"We embarked at Marseilles, February 21, on a Dutch ship. Our first stop was Port Said, the dirtiest hole on the face of the earth. The ship coaled there so we had the greater part of a day to amuse ourselves on shore. The town seems to consist mainly of restaurants and Arab souvenir sellers. They fairly mob you with their collections of postage stamps, cheap beads, ostrich feathers and trinkets, to say nothing of so-called oriental rugs and tapestries made in Europe. It's a noisy, dirty, smelly, hot place with the most motley population I ever hope to set eyes on—Egyptians, Arabs, Turks, Bedouins, Negroes, Indians, French, Italian, Greek, English, everything under the sun, clothed in a wild mixture of turbans, fezes, pajamas, cotton night shirts, European clothing, and the cast off rags of civilization.

## MOST FILTHY PEOPLE

"The crew of Arabs who coaled the ship were the most filthy looking people that I had ever imagined in my wildest dreams. The Bedouins still wear the long robes and scarfs with a rope bonnd about the head that we are familiar with in old Bible pictures. I saw one old pilgrim with his staff and pack who might have stepped out of some such picture of hundreds of years ago. Even the little long eared asses are there, weary little beasts carrying immense packs or hitched to two wheeled carts. The street car line consists of horse cars drawn by scraggly flop eared mules, driven by a man in a turban or a fez. On a side street we came upon one car which was stopped at the end of the line while the mules ate their lunch.

"We did not go ashore at Suez as the ship anchored out in the harbor only long enough to drop the pilot. Ten days more brought us to Colombo, Ceylon, just at sunset. And such

a sunset! The most gorgeous gleams of rose and gold, with the masts of the ships in the harbor and the palm trees on shore silhouetted against it. We did not get ashore until after dark so did not see very much of the town. My chief impression of Colombo is a long row of semi-naked ricksha runners, their brown skins shining under the street lights.

## PIGS UNDER HOUSES

"Our next stop was Padang, Sumatra, a place very much like this, though a bit less civilized and perhaps even more luxuriantly tropical. The houses of the natives there are different from those here. They have a liking for hand carved balustrades and roof points that are quite beyond the energies of the natives here. Also they set their houses up on tall posts, and use the under part as a place to keep chickens, stable their buffaloes, or pen their pigs, as the notion strikes them. The water buffalo is the main domestic animal in this part of the world.

"We reached Batavia, Java, March 16, and here we have been ever since. We have spent most of the time at this hotel in a suburb of Batavia. The first two weeks of April and the last two weeks of May we spent in Bandung, up in the mountains about 120 miles from here. It is a much cooler place than this, has a very pleasant climate in fact, and few mosquitoes. This place is an eternal Kansas August and the mosquitoes are plentiful and exceedingly voracious. We will be a thankful pair when Java disappears from our view as we travel northward toward Japan, and eventually home.

## NATIVES AVOID WORK

"This is an interesting place. The natives are a mixture of the original Javanese, Malays, and people from other islands in the Sunda group called by the general name of Sundanese. They are small and brown, with a somewhat Japanese cast of countenance, though their eyes are not so slanting or their faces so flat. They are a leisurely, unexcitable crew, with a constitutional aversion to too much work and with no thought beyond the day's supply of food and clothing. Most of them never had on a shoe in their lives.

"The more elite among them wear sandals or the little sole and toe arrangement peculiar to the Chinese, like our 'mules' for bedroom wear. The native woman who is all dressed up wears a 'sarong' (a sort of skirt arrangement) of 'batik' work, a little teajacket sort of blouse of organdie in some gay color or of white lawn with embroidery, a silk scarf, two or three bracelets, blouse pins made of gold pieces, gold earrings, and 'mules' of green velvet with embroidery. She chews betel nut so that her lips are scarlet, and her brown face is toned down with white powder.

## MODESTLY DRESSED

"The natives love bright colors. 'Colorful orient' is an apt description of this part of the world. When you get out into the country districts you find the native women wearing nothing but a sarong tied on just below their arms, the men wearing short cotton breeches, a sort of swimming trunk effect, and many of the children wearing nothing at all. In town and in the country both there are always natives bathing in the canals, men, women, boys, and girls in mixed groups.

"They are very expert at dressing

modestly (for this country) and the sarongs which both men and women wear seem to serve as sort of private dressing rooms. A sarong consists of about three yards of cloth folded over and sewed up and down the side. They put it on, pull the surplus to one side, fold it flat across the front, and either twist it tight about their waists or fasten it with a huge buckle, or a long strip of gay cloth wound round and round the waist. I cannot see just how they keep them from slipping loose and coming off but they do not seem to have any trouble.

## BAMBOO FOR EVERYTHING

"The houses are bamboo huts roofed with tile or palm leaf thatch. They use bamboo for everything from a musical instrument and a water carrier to a house and a wagon bed. They are pretty good craftsmen in many ways. Their irrigation system is interesting. The Dutch have enlarged it and introduced improvements, but on the whole it is just as it has been for hundreds of years, a complicated network which covers all the tillable land, even to the very summits of some of the mountains.

"The rice fields are terraced, as you doubtless have read, so that they can be flooded, beginning with the top one and sending the water down over those below. The natives run long tunnels through the mountains for their irrigation lines, and a rather uncanny thing about the work is that two groups of tunnelers will meet exactly as they should and that without any mathematical or geometrical calculations. When the native is asked how he can do it he says, 'I have it in my heart.'

"The country is beautiful with its checkerboards of terraced rice fields varying in color from the brown stubble to the wavering green of a newly planted field. The rice plants are started and then set out by hand. Just think of the labor involved in setting out the plants in these miles of rice fields, resembling our acres of wheat at home. Then when the rice is ripe each separate head is pulled by hand, just as you might pull out a head of bluegrass seed.

## PORTERS CONVEY FRUIT

"Hurrah! we are going to have fresh pineapple for lunch. The native carriers who bring the daily supply of fruit to the hotel just came in with baskets of bananas (we have them at every meal), pineapples, and tangerines. These two men come in every morning with two baskets each, each basket with enough weight to be considered a load by an ordinary human being. The baskets are swung from the ends of a stick resting across the shoulders in a way to bring the baskets as nearly on each side of the man as possible. The men walk with a peculiar trotting step that conforms to the swing of the baskets. They carry immense loads for long distances in that manner. Many of them carry loads from one town to another, sometimes walking 75 or 100 miles. They will walk 15 or 20 miles a day with a load.

## TO GRAVE ON BAMBOO POLE

"One of the funniest sights is men carrying matting for house walls. The matting is woven in pieces large enough for the side of a hut. The native bends it till it looks like the cover to a prairie schooner and ties it with hemp or rattan. Then he trots off with it on his head. All you can see is the curved piece of matting and a couple of brown legs flashing along below it, sometimes four legs if the piece is unusually large. They carry everything imaginable by swinging the object between bamboo poles on their shoulders. The heavier the object the longer the poles and the more shoulders under each end. The native is transported to his last resting place in a casket lashed to bamboo poles and covered with apparently all the respectable sarongs that he possessed.

"Our next address is 'Care of Takata and company, No. 2, Yierakuchonichome, Tokyo, Japan.' I know

that address is an insult to any self respecting fountain pen, but as you are addicted to the typewriter perhaps you can manage to get away with it. We expect to leave next week, and in spite of similar expectations for the last month, this one seems about to materialize. We will probably be there several months."

## Pittsburgh District Alumni Meet

The Pittsburgh District Alumni association, organized June 30, enjoyed an outing at Frick's Woods the afternoon and evening of Labor day. Vera (Olmstead) Hamilton, '19, secretary of the association, writes, "The ideal weather added much to the enjoyment of out of door games and sports. After a delicious supper we had a regular business meeting, unique in that the only light was that of a wonderful September moon. It was decided to have a real Hallowe'en party this fall.

"The association made plans to keep closer in touch with the college, and in this connection we are asking the different departments to keep us informed when anyone is coming through or to Pittsburgh in order that we might get in touch with whoever comes.

"Those at the picnic were E. L. Bebb, '21, Nellie (Yantis) Bebb, '19, Homer Cross, '19, Velma (Carson) Cross, '19, E. W. Denman, '12, Mrs. Denman, H. H. Fenton, '13, Jessie (Nichols) Fenton, '12, Donna Fenton, Janet Fenton, Paul Fetzer, '20, D. M. Geeslin, '21, Gordon W. Hamilton, '19, Vera (Olmstead) Hamilton, '19, H. E. Newhouse, '15, L. E. Rossel, '22, Lester G. Tubbs, '17, Madge (Austin) Tubbs, '19, Floyd Work, '21, and H. E. Woodring, '22."

The Pittsburgh organization was effected at a Decoration day picnic. Chief credit goes to H. H. Fenton, '13, who planned the picnic and assumed most of the responsibility for it. A purpose of the association is to meet at least twice a year socially, and to further the spirit of loyalty to the college in whatever way possible. The following officers were elected:

H. H. Fenton, '13, president; W. G. James, '13, vice-president; Vera (Olmstead) Hamilton, '19, secretary-treasurer.

## "Long Felt Want" Is No More

C. L. Bower, '21, checks into the active membership list from 1114 Fayette avenue, Springfield, Ill., and adds,

"The association is filling a place which has long been vacant in the college, so let the good work go on.

"Let us have as much of THE INDUSTRIALIST as possible devoted to alumni notes and athletic news. Other college news should come next and the technical articles left to their proper professional magazine."

## Association Dues Too Low?

L. B. Mickel, 10, coast business representative at 340 Ninth street, San Francisco, for the United Press associations, makes a suggestion for himself and Lillian (Lowrance) Mickel, '10, both of whom are active members of the alumni association. He says,

"Suggest next meeting of alumni should vote on making assessment \$10 per head instead of \$5. You'd get it just as quick from those who are willing to pay anything. And have double the receipts to work with."

## "Touchdown" Craves a Fight

The Aggie wildcat mascot, "Touchdown," presented to the college by H. P. Bates, the quarterback Mike Ahearn placed on his all-Aggie team, is rounding into good fighting trim. With his ration reduced to one of maintenance only, he paces the cage near Nichols gymnasium eager for the arrival of the Jayhawk. That is to be his lunch time. The big meal of the season will be Cornhusker scalps collected in Lincoln.

Harry Bates, the donor of the mascot, is a draftsman in the navy yard at Bremerton, Wash.

## AGGIES OF '05 REPORT IN PEPPY ROUND ROBIN

They're Scattered Throughout Land from Coast to Coast and Gulf to Canada

A "round robin" letter started among the 1905's occasionally reaches Gertrude Nicholson, '05, stenographer in the horticulture department. The following are excerpts:

Winifred Johnson, Solomon Rapids, is farming so extensively in Mitchell county that she has purchased an Overland sedan from which to facilitate farm management, club work, and other duties. She spent the summer with Mr. and Mrs. J. C. Chitty motoring through Yellowstone park, the northwest, and California.

Josephine (Edwards) Leidigh writes from College Station, Tex., where her husband, Arthur Leidigh, '02, is engaged in experiment station work, that Prof. George Freeman and Adelle (Blachly) Freeman, '01, are located there also. Freeman is doing cotton breeding work.

Ula Dow is teaching home economics in Simmons college. She enclosed pictures of a charming old New England country home where she slips away for week ends and short vacations to enjoy her own company and incidentally to tap sugar maple trees to make maple sirup.

Dolly (Ise) Chitty, f. s. '03-'06, dated her letter in March at Irving and said that she and her husband, "Grif" Chitty, '05, were going to pull up stakes this summer and go west in search of a place that looked better than Kansas to them for a home. She admitted, however, that she didn't expect to find one.

Helen (Bottomly) Lill's letterhead carried the information that she is raising purebred Ancona chickens and her partner, Percy E. Lill, '07, is raising purebred Percheron horses and Jersey cattle on their farm near Mt. Hope. They also are raising five football stars for K. S. A. C.

Mamie (Cunningham) Morton, Routel, Palo Alto, Cal., wrote of the joys of living in the golden state and sent pictures of herself and three young sons at the beach.

Mary Collier, 1031 West Thirty-first street, Los Angeles, teacher in the public schools, was another booster for California.

Olive (Dunlap) Adamson, 14 Fifth street, Scotia, N. Y., said her family was enjoying a new home bought last year. Pictures of the home and two lads in evidence merit a degree of pride.

Inez (Wheeler) Westgate wrote from Honolulu, Hawaii, where her husband, J. M. Westgate, '97, is in charge of the United States experiment station. She found it necessary, she said, to complete a course in the University of Hawaii in order to keep a safe distance ahead of their two sons. These lads have completed a radio outfit and expect to be conversing with friends on the mainland before long.

Jessie (Sweet) Arnold, wife of the Rev. George Arnold, Atchison, thinks a minister's wife cannot qualify for membership in the "Leisure club." In spite of her church and community work, not to mention bringing up a son and a daughter in the way minister's children should go, she promises to welcome any of the K. S. A. Cites to the manse whenever they happen to be in Atchison.

Lena (Finley) Mason with her son and daughter has been following Capt. "Kirk" Mason, '04, from one army post to another. They were located, when she wrote, at Ft. Casey, Wash., one of the coast defences of Puget sound.

## Florence Waits, Artist

Florence Waits, a student here since '19, has chosen a spot 18 miles from the railroad as the best place to open a photo shop. Miss Waits expects to make enough this college year to finish her college course next year. Her address is Cassoday, Kan.



## CHINCH BUGS A MENACE

IF NOT BURNED THIS FALL THEY WILL DESTROY CROPS

Control of Insects Cooperatively in Township or County Groups Advised by Entomologist of Experiment Station

The increasing amount of damage caused by chinch bugs last summer in the eastern half of Kansas and the large number now going into hibernation emphasizes the importance of immediate control measures, according to investigators at the agricultural college. Unless such measures are taken Kansas faces another outbreak similar to that of 1910 and 1912, they assert. The following description of control measures comes from J. W. McColloch, associate entomologist, Kansas agricultural experiment station.

Chinch bugs can be successfully controlled two times during the year, at harvest time when the bugs are migrating from the small grain fields to the corn and sorghums, and during the winter when the bugs are in hibernation. On the ordinary farm control can be accomplished in a half day with practically no expense. At harvest time the expense is considerable and it requires about two weeks to complete. Experience has shown that when the winter campaign is conducted cooperatively wheat is protected from injury, making summer control measures unnecessary.

### HIBERNATE IN GRASSES

Whenever the bugs have caused injury during the past season 98 per cent of them will be found in autumn hibernating in the clump forming grasses such as bunch grass and blue-stem, in meadows, pastures, ravines, waste places, and roadsides. Where these bug infested areas have been systematically burned in November or December the chinch bug problem has been solved for the ensuing year.

It is imperative for the farmer to find out whether his grasses are harboring a dangerous number of bugs. If the grasses are found to do so he should burn all of the bug infested grasses without delay, securing the cooperation of his neighbors. If not destroyed, climatic conditions being favorable for them, the bugs will cause severe losses to wheat, corn, and sorghums next year.

### BEST TO BURN ALL

All clump-forming grasses found along roadsides, ravines, waste areas, meadows, and pastures should be burned over if it is found that they are harboring chinch bugs. This can be determined by parting the stems close to the crown of the plant when the bugs, if abundant, can be easily seen. When no bugs are found by this method a number of clumps should be dug up at random over the area and pulled to pieces over a large sheet of white paper or cloth. If there is an average of 10 or 15 bugs to the clump the area should be burned over.

Meadows that have been mowed late in the year and pastures that have been grazed close usually do not harbor many bugs and do not require burning. Blue grass pastures even though they may harbor some bugs should never be burned. Chinch bugs will also be found in a number of other situations such as corn shocks and stubble, but with ordinary winter conditions these will perish before spring.

### DO IT BEFORE CHRISTMAS

The best time to destroy the chinch bugs in hibernation is in November and December. Grass is drier at this time, therefore will burn closer to the ground thus killing a larger proportion of the bugs by fire and exposing the remainder to severe climatic conditions. Burning at this time results in the destruction of 985 out of every 1,000 bugs.

When burning can not be done during the time mentioned, it should be carried out as soon as possible afterwards. The mortality of bugs from late winter and early spring burning is much less than that from

fall burning. Under the most favorable conditions it is seldom possible to destroy more than 50 per cent of the bugs. This is due to the fact that growth has started and the plants do not burn as well, and also that the bugs that survive the fire are not exposed to the extremes of climatic conditions.

### BURN AGAINST WIND

Whenever possible the grass should be burned with a back fire, against the wind. Such a fire burns closer, holds the heat longer, and is easier to keep under control. A head fire sweeps over the ground rapidly, does not burn closely, and often gets out of bounds.

Most effective results from fall burning will be had when it is carried out cooperatively over relatively large areas. The best results are to be had where the entire county enters into the campaign. A campaign unit should not be less than a township.

## BROWN BULL, MAGAZINE OF HUMOR, REORGANIZED

Four Issues to Be Published This Year "Evolution Number" To Come Out This Month

A complete reorganization of the management of the Brown Bull, the college humor magazine, has just been completed and the first issue is scheduled to appear the last of the month.

Heretofore the policies of the magazine have been handled directly by only three persons, an editor, assistant editor, and business manager. In accordance with the new plan, just completed, 10 people will be in immediate charge of the publication.

The new organization consists of a Brown Bull board in addition to the regular editorial and business staff. The board consists of seven members; three student members of Sigma Delta Chi, men's journalism fraternity; three members of Theta Sigma Phi, the women's journalism fraternity; and the head of the journalism department. Officers of the board, elected last week, are, Harold Hobbs, president; Josephine Hemphill, secretary; and Edith Abbott, treasurer. The other student members of the board are, Dahy Barnett, Victor Blackledge, and Raymond Nichols.

A direct editorial staff, to be chosen for each issue, was selected at the same meeting and consists of Albert Mead, editor, Frances Johnstone, assistant editor, and Alan Dailey, assistant business manager. The business manager, Victor Blackledge, was, according to a stipulation in the board's constitution, previously elected in a meeting of Sigma Delta Chi. The president of the board will act in the capacity of managing editor and keep the copy coming in between administrations of the issue editors.

Four magazines have been planned for this year, and, due to the stabilizing influence of the board, the publication will probably be put on a subscription basis.

It has been definitely decided that the first issue will be called the "Evolution Number." Plans for it are already far along, and the editors are broadcasting a cry for humorous copy—jokes, poems, and sketches. John Post, who will be remembered for his excellent art work in last year's issues, has been chosen art editor and wishes all people who can cartoon or illustrate to get in touch with him immediately by mailing him samples of their work through the college postoffice. An especially large number of illustrations and cartoons will be used this year.

### Elizabeth Dickens to Chicago

Elizabeth Dickens, '22, left Wednesday for Chicago, where she will be in the advertising sales office of the Household, a Capper publication. The office is being moved from Topeka to Chicago. Miss Dickens has been employed in the advertising department of the Household since her graduation last spring. She has done exceptionally good work.

## JARDINE DESCRIBES AGGIE STUDENT LIFE

K. S. A. C. Head Talks to Club Women of Fifth District Federation Meeting Here

A practical community, suited to the needs of daily life but at the same time ideal in its intellectual, moral, and spiritual standards—this is the aim of the Kansas State Agricultural college, President W. M. Jardine told the Fifth District Federation of Women's clubs in session here.

After discussing the class and laboratory work of the institution and detailing the methods adopted for raising standards of scholarship, Doctor Jardine referred with pride to the literary societies, of which there are 10 with a membership of more than 700. This is probably the largest literary society membership in any American college. He also mentioned the large number of honorary and professional societies in the student body.

Doctor Jardine emphasized the religious side of college life. Practically all the students, he pointed out, are affiliated with some church, and 40 per cent of them may be found in Bible classes each Sunday.

The Y. M. and Y. W. C. A., Doctor Jardine showed, are important factors in the life of the institution. Last year 842 students and 153 faculty members belonged to the Y. M. C. A. and 540 of the 900 women students belonged to the Y. W. C. A. The work of these organizations in helping the new students, conducting special services, and giving vocational assistance was stressed.

The president discussed also the work of the Students' Self Governing association and commended its efforts for wholesome social life. He urged the importance of dormitories for women students and referred to the fact that the agricultural college had relinquished its share in the previous dormitory project in order to get the system started in the state and prevent the scrapping of the entire plan.

## K. S. A. C. DAIRY JUDGING TEAM PLACES EIGHTEENTH

Slips from Usual Exalted Position at National

The K. S. A. C. dairy judging team broke a very good habit at the National Dairy show, St. Paul, Minn., Tuesday, falling from its usual exalted station at the head of the list of student teams competing in the judging contest. The K. S. A. C. entrants landed in eighteenth place this year, according to the word received at the office of Prof. J. B. Fitch, head of the dairy department at the college. For the past three years, the K. S. A. C. team has placed first at the National contest.

The five teams which placed in the first five rankings at the Dairy congress at Waterloo, Iowa, week before last, placed thirteenth, fourteenth, sixteenth, seventeenth, and eighteenth at the National show. The Aggie team won the Waterloo contest.

### Brooks Visit the Allemans

"It is a far cry from the Imperial valley in southern California, below the sea level, to the northwest tip of the United States," announced a story in the Port Angeles, (Wash.) Evening News, "but that is the trip made by James E. Brock, '08, El Centro, Cal., Marie (LaCrone) Brock, and their three children who visited a short time here with M. R. Alleman, '09, and family after having made the trip overland by automobile.

"Mr. Brock is a pioneer of the Imperial valley, and one of the first men there to raise dates. He is now in the general farming business."

"Jimmy" is quoted by Reuben's home town paper as saying they had just completed bonding the county for three and a half million dollars to build hard-surfaced highways.

"We beat the world for alfalfa,"

James is quoted as saying, "as we get from six to nine cuttings a year, cutting a crop every 28 days in the growing season. This trip to western Washington has been a revelation to us, but I still like our home in the valley where the sun always shines and nature always smiles."

Reuben Alleman is district representative for the Aetna Life Insurance company Jimmy Brock talks as if he had land for sale.

## STADIUM WILL PROVIDE ROOM FOR INTRAMURALS

Overflow from Gym, Now Taxed to Capacity, to Be Taken Up by New Structure

That the K. S. A. C. memorial stadium will come as a godsend to others than Aggie football, track, and baseball bleacherites is evidenced by the unprecedented interest shown in intramural athletics this year. The finicky ones whose esthetic taste was injured by a glimpse of the old "grandstand" will have to share their thanksgiving with the intramural enthusiasts who have been piled two deep in the gymnasium for the past two years.

Already 22 teams have entered the interorganization basketball tournament and several more have signified their intention of getting in the scrap. This number is larger than in any previous year and even last season the question of handling the mob was a serious one.

In 1921-22 the gym was in operation from the time of the first gym class in the morning until 10 o'clock. Often the teams were forced to play through meal hours to get through their schedules. With an increased entry list this season, Mike Ahearn and Coach E. A. Knoth, director of intramural athletics, are in a quandary. "What to do? What to do?"

There are many other sports besides basketball to contribute to the strain on the gym. The regular physical education classes take up a great deal of time and space during the day. Special classes, particularly, are being given a great deal of attention. Much interest has developed in boxing, wrestling, swimming, tumbling, and tennis. The facilities for these games are pathetically inadequate. There were 50 or 60 men for handball last year—one court was available.

Indoor track work, basketball and spring baseball practice, are highly necessary evils that require space in the gym during their seasons. The varsity and freshman basketball teams occupy the main floor every evening during the winter and at that time the organization teams are crowded out.

Another big space consumer is the military department. Its offices and storeroom are in one end of the gym. On Monday the building is almost entirely in its possession until 4 o'clock in the afternoon.

When the stadium is completed the troubles will all pass away, provided, of course, the growth of intramurals before that time does not make it inadequate also. According to plans the inside of the stadium will be equipped for indoor sports and games of all kinds. The first section will be entirely completed before work begins on the second.

Wrestling and boxing rooms, handball courts, an indoor track and indoor tennis courts are a few of the many necessary conveniences that will be provided in the stadium.

"And then," says Mike, "with the increased space we feel that special phases of physical education can be given the time they deserve in a school of this size. And we will live in peace and quiet, and be happy ever after."

Extension work in Kansas includes county agent work, boys' and girls' clubs, home demonstration work, home study service, farm engineering service, institutes and extension schools, and publications on all phases of agriculture and home economics.

## EDMUND VANCE COOKE IS ASSEMBLY SPEAKER

Famous Writer of Children's Verse and Stories to Address K. S. A. C. Students Next Wednesday

Edmund Vance Cooke, widely known writer of children's verse and stories, will be the speaker at the student assembly next Wednesday. Mr. Cooke will read some of his own work.

Wednesday afternoon at 4 o'clock, Mr. Cooke will address the journalism students and others interested in writing. He will discuss problems pertaining to the writing profession.

Mr. Cooke is author of some 15 books and is a contributor of poetry, fiction, and special articles to magazines. Several of his books are widely used in the schools.

In addition to his work as a writer, Mr. Cooke has a national reputation as a lecturer. He also is interested in political and economic problems, being an officer in several organizations for political reform.

## CAN INCREASE WHEAT YIELDS 50 PER CENT

Investigators Find It Is Possible in Central Kansas with Proper Seedbed Preparation

That it is possible to increase by 50 per cent the yield of winter wheat in central Kansas through greater timeliness and efficiency of operation in preparing the seedbed for wheat has been pointed out in a recent bulletin by the United States department of agriculture. The bulletin was prepared by John S. Cole, agriculturist of the United States department of agriculture, and A. L. Hallsted of the Hays Kansas Branch Experiment station. It gives the results of 14 years cooperative experimental work with winter wheat between the United States department of agriculture and the Kansas experiment station.

During this entire period wheat was grown continuously after wheat by several different methods of cultivation. There are at Hays 90 days between harvest and seeding. Late plowing 73 days after harvest and 17 days before seeding has averaged 10.5 bushels of wheat per acre. This is the lowest yielding method under trial, but is practically the same as the average yield for Ellis county for the same period.

Early plowing 32 days after harvest and 58 days before seeding has averaged 14.6 bushels per acre.

Land listed early instead of plowing early has averaged 17.3 bushels. Land alternately fallowed and cropped to wheat has averaged 20.3 bushels.

The results of the experiments show the possibility of increasing the yield of wheat in that section of Kansas.

"Land that can be early plowed or listed," the bulletin states, "cannot be fallowed profitably, although the acre yield might be increased somewhat. Land that cannot be prepared early could be fallowed more profitably than plowed late and seeded. If free from perennial weeds or grasses, it could still more profitably be seeded in the stubble with no preparation unless perhaps a double disking."

"The experiments do not indicate that a reduction of the proportion of wheat to other crops would necessarily result in an increased average yield per acre of wheat," the authors of the bulletin continue. "They do indicate that the present average yield per acre is not as high as it should be. The most fertile field for the control of yields is the 90-day period between harvest and seeding. The more completely this is made a cultivation period the higher will yields rise above the minimum at which they now rest."

The bulletin may be obtained from the superintendent of documents, government printing office, Washington, D. C., at 5 cents per copy.

—L. E. C.



## BACHMAN AUTHOR OF H. S. FOOTBALL BOOK

Manual Intended for Less Experienced  
Players—First of Kind  
Published

A football manual for high school coaches, the first of its kind ever published, has been written by Charles W. Bachman, coach of football at Kansas State Agricultural college, and a few volumes have come from the printers for circulation.

The manual teaches a modified form of the Notre Dame system, which Bachman learned as a player on the Notre Dame team in 1914, 1915, and 1916. Bachman was named all-American guard in 1916 and all-service center in 1918.

"Several good books have been written on football," Bachman states

"The Chinese have adopted American surgery, but they still prefer their native medicines," said Doctor Coole. "The conservatism and superstitiousness of these people make them slow to abandon medical customs, but gradually the barbaric methods of blistering and torturing the sick have given way to modern American surgery."

### BROWN COUNTY CLUB GIRLS GET FREE TRIP TO CHICAGO

Win First Place in Contest at Wheat  
Show

The Brown county girls' meal preparation team won first place at the International Wheat show, Wichita, the first week in October. This team will get a free trip to the International Livestock exposition in Chicago. The Shawnee county bread club team



PART OF BACHMAN'S CONDITIONING PROGRAM DESCRIBED IN  
HIS NEW MANUAL

in his preface, "but without exception they have been intended for the use of the coaches and players of college and university teams. It is therefore the purpose of this book to deal only in the fundamentals of football and to place in the hands of high school coaches and players a simple yet effective system of offense and defense. Simplicity has always been and always will be the foundation upon which successful systems of football are played. This is especially true of high school teams, where, because of the comparative youth of the personnel, the players lack the power to grasp and to execute complicated formations and plays."

The manual contains 93 pages with chapters on the following subjects: equipment, conditions, injuries, mechanical devices, falling on the ball, tackling, blocking, punting, place kicking, drop kicking, the kickoff, forward passing, receiving of punts and passes, open field running, how to play quarterback and fullback, how to play end, how to play tackle, how to play guard, how to play center, offensive and defensive line play, a simple set of double digit signals, offense, and defense.

## PARASITES INFEST CHINA, COOLE SAYS

All Get Worms Sooner or Later, Medical  
Missionary Studying Here,  
Declares

"Practically everyone in China suffers from parasites," said Dr. T. H. Coole recently in addressing the zoology and entomology seminar of K. S. A. C. on the subject of medical work in China. Doctor Coole is a medical missionary on furlough.

"We all get worms sooner or later," Doctor Coole continued. "By prompt treatment the missionaries are usually soon cured, but the native Chinese, dragging themselves to the hospital over long, winding mountain paths, require months to recuperate after yielding hundreds of parasitic worms. Malaria and other parasitic diseases are very prevalent."

During his furlough in America Doctor Coole holds a scholarship awarded by the Rockefeller foundation for making special medical studies. At present he is studying the hookworm and other human parasites with Dr. J. E. Ackert of the zoology department. Special studies in surgery and nervous diseases at Northwestern and Harvard university medical schools are on Doctor Coole's program later in the year.

won second place in the contest. These girls will have their expenses paid to the club round up week held at K. S. A. C. in April. The Rice county meal preparation team won third place in the contest. This club received honorable mention. Only two prizes were offered in the contest.

Eight demonstration clubs entered the contest at Wichita. These clubs were winners at the Hutchinson and Topeka fairs. Three girls were chosen in county contests to make up the team.

The counties competing in the contest were Rice, Brown, and Pratt county meal preparation teams; Meade, Marshall, and Miami county clothing teams; Smith county canning club, and the Shawnee county bread team. Miss Addie Root, home demonstration leader of Missouri university judged the work of the different clubs.

### K. S. A. C. CIRCULAR TO BE TRANSLATED INTO CHINESE

Publication on Culling by Payne Widely  
Recognized

"Culling Farm Poultry" published as an agricultural experiment station circular and written by Prof. L. F. Payne of the department of poultry husbandry, is to be translated into the Chinese language. The experiment station has just received a request from the Canton Christian college for permission to translate it. The Chinese version will be published in that language by the college. Original copies of the illustrations are being sent forward to China for reproduction this week.

Recognition of the work as an authoritative treatment of judging of productive qualities of fowls has been accorded from many quarters. Requests for copies have been numerous and insistent, not only from this country but from England, France, Spain, Mexico, and China.

### CLUB ROUNDUP WEEK TO BE HELD AT K. S. A. C. IN APRIL

Postponed from November on Account  
of American Royal Show

Boys' and girls' club roundup week, which was to have been held at Manhattan, November 20-25, has been postponed until next April. Tentative dates have been set for April 23-28.

The November dates conflicted with the American Royal Livestock show at Kansas City, Mo., according to R. W. Moorish, state club leader.

## SCHOLER ON COMMITTEE OF A NATIONAL SOCIETY

K. S. A. C. Man Will Help Standardize  
Methods Used in Testing High-  
way Materials

Prof. C. H. Scholer of the college department of applied mechanics, K. S. A. C., has been honored by being elected to membership on committee D-4 of the American Society for Testing Materials.

The American Society for Testing Materials is acknowledged by the engineering profession as the official body for the standardization of testing methods as they relate to materials. To committee D-4 has been delegated the task of standardizing the methods used in the testing of highway materials.

Professor Scholer's experience in connection with the road materials testing as carried on in the engineering experiment station at K. S. A. C. for the Kansas Highway commission especially fits him for work on this committee. Undoubtedly many of the tests methods used in investigating Kansas highway materials will now find their way into national use.

### K. S. A. C. SEED LAB IS USED BY FARMERS IN 100 COUNTIES

Many Have Employed Free Service in  
Last Two Years

During the last two years farmers from 100 counties of Kansas sent samples of seed to the agronomy department of Kansas State Agricultural college to be tested for germination or purity. The total number of samples tested during the two-year period was 3,449. In the number of samples submitted, Riley county led with 1,022. Other counties sending large numbers of samples were Shawnee, 292; Coffey, 270; Douglas, 209; and Jackson, 199. Chautauqua, Cheyenne, Grant, Hamilton, and Stanton were the only counties which failed to use the college seed testing service.

Germination tests show what percent of the seed may be expected to grow so that the farmer may increase or reduce accordingly the quantity of seed used per acre or may avoid entirely the use of seed having too low germinating power. Tests for purity show whether it contains the seeds of noxious weeds.

K. S. A. C. seed testing service is performed without charge. The work is done in the seed laboratory maintained at the college largely for instructional purposes. Much of the work is done by the students under the supervision of Mrs. E. P. Harling, seed analyst.

### Only 2,000 Mouths To Feed

W. A. Wunsch, '17, is expert farmer at Marine Hospital No. 9, United States public health service, Fort Stanton, N. M. His hardest work this fall on account of the drought, has been to find something for 2,000 head of cattle to eat.

"If at any time you have something that I can do to help out, let me know," Wunsch volunteers. "We are real busy down here, but we usually take time to do things."

Wunsch is an active member of the alumni association and in good standing to Commencement, 1924.

### A. A. Is a Great Help

W. A. Webb, '04, Clearwater, although somewhat disgusted with present conditions surrounding agriculture, renews his active membership and hopes there are better times ahead.

"I am glad," he says, "that the association is getting so well established, as it is certainly a great help to the college."

Spinach is the broom of the stomach.—French proverb.

Is your town's cemetery one that looks as if it didn't believe in a resurrection?

## LOST ALUMNI

Present addresses are desired of the persons named in the list below. The addresses are the last on record in the alumni secretary's office, but mail bearing these addresses has been returned.

Such lists will be published occasionally that anyone knowing the present address of a lost Aggie may inform the alumni office.

'91—Mayme (Houghton) Brock, care Portland hotel, Portland, Ore.

'96—Ellen (Norton) Adams, Durango, Col.; William A. Cavanaugh, Fort Crook, Omaha, Neb.; Charlotte (Cotton) Smith, 771 East Twenty-seventh, South Portland, Ore.

'98—Samuel J. Adams, Durango, Col.

'00—John H. Blachly, Seattle, Wash.

'01—Mary (Wagner) Greshman Grand Junction, Col.

'04—Beulah (Fleming) Blachly, Seattle, Wash.; Dr. Kirk P. Mason, Fort Smith, Ark.

'05—Joseph G. Chitty, Irving.

'06—Julia (Spohr) Heath, 1615 Oh street, Oakland, Cal.

'09—Charles M. Haines, 1214 Chapel street, New Haven, Conn.; Fritz F. Harri, Seattle, Wash.; Elizabeth L. Morwick, Norton.

'11—Minnie V. McCray, Graceland college, Lamoni, Iowa; Robert A. Mitchell, Los Angeles, Cal.; Zepherine (Towne) Shaffer, 509 Ash avenue, Ames, Iowa.

'13—Olive W. Hartwell, Wichita; Myrtle (Grover) Sullivan, Liberal.

'14—John Gist, Box 26, Detroit, Mich.; Lucian E. Hobbs, Wichita; George H. Railsback, Hoyt.

'15—Ruth Arbuthnot, Los Angeles, Cal.; Anna (Thomas) Cooper, Haddon Hall, 414 Eleventh street, Portland, Ore.; Mary Gurnea, Los Angeles, Cal.; Marge (Rowell) Holden, Ford; Oscar L. Johnson, Mazeppa, Minn.

'16—George W. Christie, 1217 West Fifth street, Los Angeles, Cal.; Thurza (Pitman) Goodrich, Baton Rouge, La.; Vera E. King, Golden City, Mo.; Florence H. Smith, Santa Barbara, Cal.

'17—Rachel Clark, 501 W. Main, Independence; Florence G. Guild, 722 Kansas avenue, Topeka; Ferdinand E. Hayes, Naval Ordnance Plant, So. Charleston, W. Va.; Florence (Evans) Reed, Fayetteville, Ark.

'18—Hobart M. Birks, Hays; Jennie Pearl Brown, 513 North Eleventh, Independence; Josephine L. Fredrickson, Osceola, Neb.

'21—Fred W. Boyd, 2717 West, Ames, Iowa; Doris (Prickett) Davenport, 406 Osage, Manhattan; Benjamin F. Pfister, 3626 Main, Kansas City, Mo.

'22—G. E. Gates, Kansas City, Kan.; Bonnie Jean Moore, Nowata, Okla.

### MIKE ANNOUNCES OFFICIALS FOR LOCAL FOOTBALL GAMES

McBride of Star To Referee Homecoming  
Contest

Officials for the four football games which will be played on the Aggie gridiron this year have been announced by Mike Ahearn, athletic director. In the first game of the season last Saturday, Ed Cochrane, sporting editor of the Kansas City Journal, refereed, Jess Harper of the University of Chicago umpired, and Leslie Edmonds, Ottawa, was headlinesman.

C. E. McBride, sports editor of the Kansas City Star, Clyde Williams of Iowa university, and A. A. Schabinger of the College of Emporia will act in the capacity of referee, umpire, and head linesman, respectively, in the Homecoming game with K. U., October 28.

The third game on Ahearn field is scheduled with Ames, and A. G. Reid of Michigan university has agreed to referee. J. Wyatt of Missouri university will umpire and A. A. Schabinger of the College of Emporia will be here as headlinesman.

The officials for the final Aggie game Thanksgiving day with Texas Christian university are A. G. Reid, referee; Jess Harper, umpire, and Schladerman of DePauw university head linesman.

Franklin county still leads in the Kansas Better Bulls contest, which is being conducted by the chamber of commerce of Kansas City, Mo., and Kansas State Agricultural college. Ninety-four scrub bulls have been replaced by purebreds in this county since March 15. The closest contender is Decatur county with 44 such replacements. Clay county is third in the contest with 42 replacements, and Cherokee, fourth with 35.

## 'AG' GRADUATES NUMBER MORE THAN A THOUSAND

Totals 1,003 at Close of Summer School  
—15 Per Cent of Number in  
Last Two Classes

More than one thousand agricultural graduates are recorded by Kansas State Agricultural college. When diplomas were given to the small group of men who remained through the 1922 summer school to complete the work of the agricultural curriculum the total number of agricultural graduates reached 1,003. Of this number, 151, or 15 per cent, have been graduated in the last two years, according to the biennial report recently submitted to President W. M. Jardine by Dean F. D. Farrell.

"It was not until 1900," Dean Farrell said, "that the college graduated a strictly agricultural class. Before that time graduates were not classified as they now are. The largest of the 23 agricultural classes was graduated in 1916, when 117 degrees in agriculture were conferred. The smallest agricultural class in the 23-year period is that of 1901, which contained only eight members. One of the most famous classes is that of 1907, which numbered only 31 but whose members have shown unusual leadership and ability in applied agriculture, in which several have become wealthy, and in scientific investigation, teaching, and other forms of high class public service.

"The 1,003 agricultural graduates are distributed throughout the United States and in many foreign countries. They are successfully filling positions of responsibility and agricultural leadership, on the farm and elsewhere, from Connecticut to California, and from Alaska to China. Somewhat more than half the total number are in Kansas."

## U. P. AGAIN OFFERS AGGIE SCHOLARSHIP

Railroad Will Give \$75 and Transportation to 36 Club Members  
of Kansas

Scholarships in the Kansas State Agricultural college such as were offered this year to Kansas boys' and girls' club members by the Union Pacific Railroad company will be given again in 1923. They are offered to the highest ranking member of the boys' and girls' clubs in each of the 36 Kansas counties traversed by the Union Pacific lines. They entitle the holder to \$75 in cash and to transportation to and from Manhattan over the Union Pacific.

Counties in which club members are eligible for the scholarships are Atchison, Brown, Clay, Cloud, Dickinson, Doniphan, Douglas, Ellis, Ellsworth, Geary, Gove, Graham, Jackson, Jefferson, Leavenworth, Lincoln, McPherson, Marshall, Mitchell, Nemaha, Osborne, Ottawa, Pottawatomie, Republic, Riley, Rooks, Russell, Saline, Shawnee, Sheridan, Thomas, Trego, Wallace, Washington, and Wyandotte.

### EIGHTEEN HIGH SCHOOL CLASSES STUDY INSECTS

Lessons Are Mailed Each Week by  
E. G. Kelly

Eighteen vocational agriculture classes in Kansas are taking courses in insect control in cooperation with the K. S. A. C. extension service. Lessons are sent each week to vocational agriculture teachers by the home study department. With these lessons as a guide the teachers conduct the classes which often consist of practical demonstrations of insect control methods on nearby farms such as burning chinch bugs and fumigating wheat bins for weevil.

Classes enrolled to date are at Benedict, Bonner Springs, Byers, Clay Center, Coats, Ford, Garden City, Linwood, Manhattan, Mankato, McDonald, Miltonvale, Mullinville, Silver Lake, Spearville, St. George, Tonganoxie, and Webster. E. G. Kelly, extension entomologist, is in charge of the project.



## THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kan.

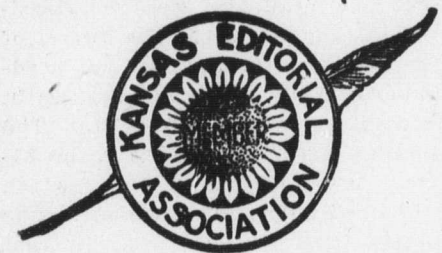
W. M. JARDINE, President.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, OCTOBER 11, 1922

### THE FARMER SEEKS JUSTICE

There is a certain publishing house that is tottering on the verge of bankruptcy. It has been tottering for some months, if not years. It has been as foolhardy in its methods as the old skinkint of whom it was said that he would not exactly go to hell for a nickel but he would keep fooling around the edge hunting for it till he fell in. What has kept the publishing house from dropping into the pit of bankruptcy?

Its creditors have kept it going. They have bent every effort—they are still bending every effort—to get into the hands of this house some books that would sell well enough to pay a big profit—enough to pay off the indebtedness. They are doing everything in their power, spending money, time, influence, and effort to keep the publishing house from going to the wall. If the house fails, they never will get their money, and unless they support it, failure is inevitable.

The example could be paralleled in many industries. Not only are money, time, and influence expended, but laws are passed, regulations are adopted, in the interest of this or that industry and its contribution or supposed contribution to the public prosperity.

There is no other industry as important, none contributing as much to the public prosperity, as farming. Yet it is only after the most sedulous effort on the part of farmers, farm organizations, and statesmen and other leaders sympathetic with farming that any progress is made toward relieving the serious condition in which farming frequently finds itself. What is the reason? Why do not people leap to the relief of farming, as they are prone to leap to the relief of other industries.

Two reasons:

The belief that farming is a safe industry.

The belief that the farmer is a safe risk.

These beliefs are highly complimentary to farming and the farmer, but they do not improve farming conditions nor do they put any money into the farmer's pocket. What the farmer wants to know is, Why should not my industry, recognized as safe and recognized to be in safe hands, receive at least the same consideration as industry not possessing these characteristics?

The farmer's question has justice behind it. It also has behind it the argument of good policy, which unfortunately in these days often carries further than an argument from justice. The farmer is justly entitled to a square deal, based on the contribution which he makes to the

national welfare and to civilization. If he does not get a square deal, farming is not likely to remain safe for long nor is it likely to remain in the hands of those who are safe risks.

### CORN TASSELS

H. W. H.

NOT SO BAD

Some day we will get around to a situation which will justify the assertion, "Work and the world works with you, strike and you strike alone."—Norton Courier.

We are told that the thistle is the national flower of Scotland, probably because it doesn't cost anything.—Atchison Globe.

### HARNESSING OUR NATURAL RESOURCES

Congress has quit working and gone home. It's too bad the winter chautauqua idea didn't spread well. Think of all the oratory now made available. But of course this is a campaign year and there will be some use for it.—Salina Journal.

In the opinion of the St. Marys Star a friend in need is apt to keep you broke.

All the sympathy in the wake of the marriage of the former emperor of Germany is apparently not with the kaiser. He is going to marry a widow with five children says the Jewell County Republican, and about all the world need care about that event is to feel sorry for the kids.

A chap asked a friend the other day if he could lend him \$5, says the Minneapolis Better Way. "What for?" inquired the friend. "To bury a saxophone player." "Here," said the friend. "Take \$50 and bury 10 of them."

Polygamy gradually waned because the men grew tired of warfare. You have to give the men a lot of credit for reforms.—Snort Editor of Atchison Globe.

Lee Meadows is sorrowing, in his Oberlin Times, because he dropped a form of type on one foot. Lee should cheer up, says E. E. Kelley of the Capital. It might have been serious. The form might have been pied.

Chas. Battlestop says it takes four of his best cows to furnish milk for his nine children and five coon dogs. The egg money is set aside for the Ford repairs, which is a 1914 model and has already made 35,000 miles.—Lyndon Herald.

### A QUARTER CENTURY AGO

Items from The Industrialist, October 11, 1897

The students' payroll for September amounts to \$1,432.

There are over 60 students enrolled for daily practice in the printing department.

Mr. and Mrs. J. S. C. Thompson rejoice in the arrival of a son, born September 26.

Doctor Fischer is making preparations for the tuberculosis tests of the college herd. The work has been commenced today.

There were over 30 visitors, mostly ladies from Manhattan, present at the last Wednesday morning lecture by Mrs. Helen Campbell.

Last Monday there were several applicants for assignment, five of whom passed the ordeal of the examiner. The other two concluded to study up a while yet.

Professor Walters has received a handsome photograph of the Palais de Beaux-arts, at Lille, France, which was recently renovated by an architect of his acquaintance long ago.

Prof. Francis H. White and family are comfortably settled in Cambridge, Mass., at 20 Holly avenue. Professor White has been appointed an assistant in United States political and constitutional history, and enters upon his work under favorable auspices.

Miss Susan E. Johnson and Mr.

Wilbur G. Cooper were united in matrimony at the paternal home of the bride on the Saline, Thursday, September 3. The happy pair immediately left to spend the honeymoon at Kansas City. On their way they paid a visit to the K. S. A. C., the bride's alma mater.

Ex-Superintendent of Printing Thompson has been on the hill this week soliciting subscribers for his new monthly—The Western Home Magazine. The publication is well worth its price, \$1.00 per year. It is neat and interesting. The first number contains the portraits of several agricultural college girls.

The new domestic science hall is gaining in finish every day. The plasterers have completed their work; the painters have painted the roof and are now working on the frames; and the carpenters are busy with the

misbranding of foods, drugs, and liquors exist to a very great extent. It is hoped that the publication of this request for information on this subject, to be furnished THE INDUSTRIALIST or sent direct to the chemical division of the department of agriculture, will secure a large amount of valuable data which will materially assist in properly carrying out the work.

The department of superintendence of the National Education association will hereafter spell as recommended by the committee appointed at its Indianapolis meeting. The general association will undoubtedly adopt the recommendation of the committee. So we might just as well fall into line and learn how to spell according to the new gospel; Program (programme), altho (although), tho (though), thoro (thor-

## Man Is Prostrate Before the Machine

The Freeman

What we resent in the machine is not its power, for that is of its nature, but its evocation of imitative adaptations on the part of men and women. The machine has no vengeance, no remorse, no flexibility—and no gaiety. If it runs 12 hours a day instead of six, it will produce just twice as many nails or patented corsets. If it stops, it will produce nothing, but it is not shocked at this violation of all the best American tenets, for it is shocked at nothing, and feels nothing. What we do know is that no machine worthy of the name, that has been turning out pistons for an automobile, will suddenly begin to turn out jews'-harps. It can do only what is expected of it, and it can never disappoint any more than it can ever surprise. It is as regular in its habits as modern moralists seem never tired of assuring a credulous humanity that men and women should be. If it breaks down, one may be sure that the fact is due to wholly ascertainable and usually remedial causes.

Now the whole trouble with our modern times is simply that man is prostrate before his own handiwork the machine. He is trying to make himself more and more like the efficient mechanical engine, instead of attempting, and gloriously failing, to make the mechanical engine more like himself; or at least succeeding in the attempt to put this engine in the unimportant position it merits. It is actually considered something honorable and fine, instead of something to be reflected upon with melancholy, if a man can be relied upon unquestionably and unhesitatingly, if he is always punctual, if he never shocks one. One must, it seems, expect a person to do certain things, as confidently as one expects the morning milk to be on time. The terrible thing is that this seems actually to be taking place. We have reached the point where psychologists do not hesitate to predict just what proportion out of 100,000 inhabitants will go mad at the age of 32, and the point where the mathematical degree of gullibility in the 65 per cent of our so-called normal population is a matter of everyday routine for advertising experts and publicity agents.

inside finish. Everybody is highly pleased with the exterior and interior of the prospective new home of the domestic science department.

Supt. George D. Knipe, O. H. Halstead, C. C. Smith, L. G. Hepworth, Bertha A. Reed and E. G. Gibson wrote on the examination for state certificates at Manhattan during the last week in August. All have received credit for at least a part of their work. The school law permits the candidate to take parts of the examination each year within certain limits until the whole number of subjects has been passed.

Professor Walters reports that there are over 250 students enrolled in the classes in freehand drawing and nearly another 100 in the higher branches of graphic art. One of the classes, taught by Assistant Miss Bertha Kimball, has 87 members—more than twice the number it should have. The class in geometrical drawing was divided this week, and it is evident that several others will have to be divided before long.

By direction of congress, the department of agriculture is investigating the character and extent of the adulteration of food and drugs. It is generally believed that adulteration, sophistication, imitation, and

ough), thorofare (thoroughfare), thru (through), thruout (throughout), catalog (catalogue), prolog (prologue), decalog (decatalogue), demagog (demagogue), pedagog (pedagogue).—State Normal Monthly.

In no previous year has there been such a large number of candidates for admission to the agricultural college, who presented diplomas or certificates of one kind or another. The city high schools and county high schools whose courses of study the college accepts as satisfactory, as well as a number of graded grammar schools whose graduates are admitted without examination, have never before sent so many students here. The number of candidates who passed examinations for county certificates was about double the usual number. There have been admitted this fall 48 with high school diplomas, 9 with grammar school diplomas, 79 with county certificates, 9 with teachers' certificates, and 14 with certificates from normal schools or colleges. The total number admitted on certificates is about 160.

The Illinois Agricultural association is purchasing potatoes for members of county farm bureaus in Illinois. Last year it handled 120,000 bushels.

## A SHIP IN A PIER

Alexander Jarvis in The Measure

A ship is a slight thing  
To moor alongside a city.

Masts are frail  
Against steel and stone.

Chanteys are silent  
When streets are talking.

Sails are furled  
Where the towers rise tall.

A city is white like lightning  
And straight like pride—  
And a ship is a grey whisper  
Tired at its feet . . .

If the ship were mine  
And the masts black—

If the ship were mine  
And the sails bronze—

I would make a chantey  
Heavy with gold;

I could forget to know  
That a city ever stood!

## A LIVESTOCK LABORATORY

A casual conversation brought about an increase of 25 per cent in the amount of livestock fed in nine northwestern Kansas counties. It was held between Dr. C. W. McCampbell, head of the animal husbandry department of the Kansas State Agricultural college at Manhattan, and a farmer friend who lives near Goodland.

The Goodland farmer told Doctor McCampbell that he was shipping corn from Kansas City to feed his livestock and was paying 88 cents a bushel for it. Little corn was available locally although a large acreage had been planted. Freight added much to the cost of the corn.

Doctor McCampbell knew that barley could have been purchased in Goodland at that time for 65 cents a bushel and it struck him that his friend should have bought barley at home instead of shipping corn from Kansas City. So he investigated.

In a 20-year period barley averaged 22 bushels an acre in the nine northwestern Kansas counties, while the average yield of corn was only 8 bushels an acre. Yet 10 times as much corn as barley was planted. Doctor McCampbell then started feeding tests on corn and barley and was able to demonstrate that a pound of barley had practically the same feeding value as a pound of corn for cattle, hogs, or sheep.

This information was passed out to farmers, and feeding in those counties it is estimated has increased 25 per cent. The barley-corn proposition applies equally to northwestern Kansas.

That's an example of the practical constructive service the animal husbandry department of the college renders to Kansas farmers all of the time. The self feeder for hogs, now so popular throughout the state, was first used at the Kansas State Agricultural college farm where its value was demonstrated to the satisfaction of everybody.

Silos were put on the map in Kansas by the animal husbandry department.

Other important contributions to livestock knowledge have had to do with management, such as the time bulls should be turned with the cows in the spring and the danger of loss from breeding yearling heifers instead of waiting until they are 2 years old. The calf crop always is much smaller when bulls are turned with the cows early in the spring than if breeding is delayed until June or July.

Forty thousand head of cattle were fed in Kansas last year under the direction and supervision of the department. These were scattered in small lots throughout the state.

In 1921-1922 the department received 11,021 inquiries from farmers and livestock growers in Kansas, asking for specific information on feeding, management, and other problems. Last year representatives of the department attended 57 local fairs in 50 different counties, judging livestock and making talks on livestock problems. All expenses of these trips were paid by the fairs.—Ray Yarnell in the Kansas Farmer and Mail and Breeze.



H. S. PLAYERS KNOW MORE FOOTBALL THAN OLD TIMERS

Gridiron Game Rapidly Living Down Reputation for Being Mere Contest of Strength—Strategy Map Shows How Men Must Use Their Heads in Planning Attack—Coach Bachman Tells What To Do in Different Sections of Field—New Manual for Coaches Contains Much Information Interesting to Spectators.

What is meant by the danger zone on a football field? The term is loosely employed by spectators. To coaches and players it has an exact meaning.

Why does General Swartz of the Aggies, always call a kick when his team gets possession of the ball within 10 yards of its own goal line? And why do the Aggies save their smashing offense for the other end of the field? Why not smash out of danger and still keep possession of the ball instead of kicking it? Sears, Stark, and Burton are reliable enough in a running attack.

What is "offensive territory"?

In short, what do you, Mr. Spectator, know about football strategy?

GAME OF BRAINS

You know probably as much as most players of the Missouri valley conference knew until quite recent years. Which was little or nothing. But a new day has dawned in football. High school players of today know as much as conference stars knew a decade ago. Football is living down an unenviable reputation for being almost wholly a game of brawn. Brains count more than beef in the modern game.

Answers to some of the foregoing questions along with many additional eye openers are contained in Charles Bachman's "Football Manual for High School Coaches," publication notice of which is announced elsewhere in this number of THE INDUSTRIALIST.

SEND PLAY OUTSIDE

Probably most interesting to the average fan is the section on strategy which, with the "strategy map," is reproduced herewith:

"The shaded areas of this map show the side belts which are to be avoided. They are those imaginary

stretches of territory lying between the side lines and a line running parallel to the sidelines and 10 yards inside. If the ball is declared dead within five yards of the side lines it should be carried out of bounds on the next play. If it is five yards or more from the sidelines, but inside the side belt, it should be carried on the next play toward the center of the field.

DANGER ZONE—PUNT

"The danger zone extends from our goal line to our 20 yard line. Because of the proximity of our goal line it is always best to punt on either the first or second down in this territory, if in position. The word position here means having possession of the ball near the middle of the field, longitudinally speaking. Inside the 10 yard line, it is best to punt on the first down and between the 10 and 20 yard lines on either first or second down.

"In this zone we kick on second or third down, but hardly ever on the first unless a strong wind is blowing at our backs. Always punt on fourth down in the transitional zone, even if there is less than a foot to go. Punts should be high and straight down the field toward the safety. The distance from our own goal line to our opponent's 40 yard line is known as the kicking territory and our kicking is used as a defensive weapon. From the 40 yard line to our opponents' goal line it is used as an offensive weapon or as a means of scoring by either a place or drop kick.

LOOK FOR WEAK SPOTS

"In the transitional zone one or two plays should be used for the purpose of trying out the opponents and locating the weak spots. Long ground gaining play from punt formation should be used with the hope of getting a runner loose for a long gain. This is the territory for the punt formation—from our own goal line to the 40 or 45 yard line. In this territory play carefully and deliberately and do not use passes or plays that are apt to be fumbled.

"When the team hits the middle zone it should work into a shorter formation, either a shift or set formation with the last man in the formation six yards or less from the lines. In this territory the quarterback may start speeding up his offense and taking more chances. He now may use his passes and should not hesitate to do so when the opportunities are presented. He should always kick on fourth down no matter how small the distance to go and either should kick out of bounds aiming at the 10 yard line or kick high. If you have an accurate punter, place the ball out of bounds; otherwise kick extra high and have your linemen rush down the field surrounding the receiver and looking for a possible fumble.

SPEED UP PLAYS

"Once inside the opponents' 40 yard line the quarterback should speed up the play. He should know the weak spots by this time and should hit them hard and fast. Quick opening plays, oftackle drives, and passes should be used in this territory. Where the running attack is working well stay with it and do not use passes. When the running plays are stopped, it is well to try a pass or trick play, always reserving the third down for either a drop or place kick, or a run to position for either of these kicks. Against a stronger team it is best to place or drop kick on the third down.

"Inside the scoring zone the quarterback should drive his team hard to score as quickly as possible, because the closer he gets to his opponents' goal line the more concentrated the defense and the more limited the territory into which he can pass. Oftackle drives, quick opening plays, crisscrosses, or short passes should be used in this territory. Find the play that is working and stay with it. Keep to the center of the field so that a drop or place kick may be tried on a third or fourth down.

PASSES ON FOURTH DOWN

"Passes as a general rule should not be used in this territory except on a fourth down or if one of the opponents' backfield men is out of position. Players should be careful to remain on side or to avoid missing signals, or otherwise delay or hinder the progress of plays. In this zone the offensive team may lose the ball on downs, where it needs a touchdown to even the score or to win, or where, with the score even, it has no one who can place or drop kick.

"If the quarterback has a kicker superior to the one of the opponents' team, he should use him freely, punting on first downs until his team reaches the center of the field. But if he has an inferior kicker the quarterback should make up the difference in punting by rushing the ball before punting. Where the kicking is even the kick should be used for defensive purposes.

USE WIND IN KICKING

"With a cross wind blowing the quarterback should run his first play for position, or to the windward side of the field, and when he kicks it should be toward the leeward so the opponents will have to waste a play to get back toward the windward side. When playing against the wind delay the kick until fourth down and slow your plays, saving your offensive strength until you change goals. When playing with a wet slippery ball the ball should be kept out of the defensive territory by a first down punt, watching for the fumbles which are apt to follow.

"When opposed to a team that is superior in every department of the game it is best to use 'stalling' tactics to keep the ball away from the opponents. With the score in your favor at the beginning of the second

half it is best to play for time, by calling the signals slowly, and by lining up deliberately. However, the play should be driven hard and fast when the ball is snapped. With the score in your opponents favor in the second half, open up with all the offense you have—throw all rules of football to the winds—try anything for a score, from any and all positions on the field.

STUDY OPPONENTS

"The quarterback on offense should carefully study his opponents, their ability to handle punts, their strong and weak men, and other bits of information that will aid him in calling his plays. His teammates should help him whenever possible, especially when time is out, by giving him such information as they may have.

"When the opponents have the ball inside their own territory the quarterback should take his position at the extreme range of the kicker from the line of scrimmage.

"He should always know the down and the distance to go. When the ball is put in play he comes up on a trot either to make the tackle if the runner gets loose or to help cover passes. If a runner gets loose the quarterback should immediately place himself on the flank of the runner and force him to the side lines.

"While on defence the quarterback should carefully study his own team as well as that of his opponents and should plan his attack so that he will have a definite idea of what plays he will work when he gets possession of the ball."

White Recalls Alaskan Monopoly

From his far northwestern viewpoint, W. T. White, '17, Kodiak, Alaska, remarks that the alumni association in the last two years has advanced the standing of the college 10 years. Feeling that way, he couldn't resist active membership.

"At one time in the five years I have been in Alaska," writes White, "all the experiment station superintendents were Kansas men. G. W. Gasser, '05, was at Rampart. M. D. Snodgrass, '06, was at Fairbanks. F. E. Rader, '95, was at Matanuska. Dr. C. C. Georgeson was at Sitka, and myself at Kodiak. There have been some changes in the last year. Rader died in December. The Rampart station has been closed temporarily. Snodgrass resigned and Gasser has been transferred to Fairbanks. Doctor Georgeson, you remember, was dean and director from 1889-95."

Mr. and Mrs. White have two children, born in Alaska. Mrs. White and the children visited this summer at Jewell.

Loyal Since '85

C. D. Pratt, '85, 4526 Reiger avenue, Dallas, Tex., finds pleasure in his active membership in the alumni association. He says,

"It is gratifying to have had some small part in the accomplishments of the association.

"In a long automobile trip with my family last year from Dallas to the Atlantic coast through Canada, one of the most interesting visits was that at the college as we passed through Manhattan. It was a real pleasure to meet again Willard, Walters, Jacob Lund and a few others I knew in college days, and to note the wonderful changes and improvements that have occurred since I started out into the world with my 'sheepskin' in 1885. May the development continue."

Ray Watson to Come Home

Ray B. Watson, '21, one of the college's best advertisers, is planning to be in Manhattan for the Homecoming game. Ray now is a salesman for Dieges & Clust, Chicago, with whom he expects to remain indefinitely.

"So if at any time you are in the market for specialty jewelry of any kind," writes Ray, "let me know and we will get together."

AMONG THE ALUMNI

H. L. Kent, '13, president of the New Mexico College of Agriculture and Mechanic Arts, State College, N. M., entertained Prof. L. E. Call for two weeks on a trout stream last summer while the two revised their text on agriculture.

F. A. Hennessy, '20, who is working for the Illinois-Missouri Cooperative Milk Producers association, 116 Missouri avenue, East St. Louis, Ill., is looking forward to October 14 when the Wildcats tangle with Washington university at St. Louis.

The alumni association at Lincoln is planning a meeting the night after K. S. A. C. defeats Nebraska in football, November 18. It expects to be able to induce one or more prominent faculty members to accompany the team and speak at the meeting.

Erle H. Smith, '15, is news editor of the Kansas City Journal. He hopes to be "able to run out to Manhattan this fall for one of the games and to take a peep at the new Stadium which, I am told, is to be a real bit of art and efficient workmanship."

Glenn F. Wallace, '16, is engaged with the Arkansas staff in cooperative extension work in marketing and rural organization. His office address is 310 Donaghey building, Little Rock, Ark. Ralph H. Fisher, '22, has taken up work in the same organization.

L. M. Peairs, '05, professor of entomology in the University of West Virginia, came all the way from Morgantown to renew his active membership in the association. He spent some time in consultation with J. W. McColloch, '12, associate professor of entomology.

Kate (Zimmerman), Grigsby, '00, is living in the Napa valley, California, about 60 miles from Oakland. She and her husband, L. W. Grigsby, a high school teacher, would welcome any former students and alumni. Their address, Box 192, St. Helena, Cal.

Arthur H. Gilles, '14, is president of the Argentine Lumber and Fuel company, with offices at Thirty-sixth street and Santa Fe tracks, Kansas City, Kan. Gilles, who also is president of the Wyandotte County Alumni association, was a recent campus visitor.

Harlan D. Smith, '11, in the advertising business with J. Walter Thompson company, Chicago, is pulling for a victorious football team. He says to bring on a victory over K. U. and the Chicago alumni will go after a hundred thousand dollars for the stadium.

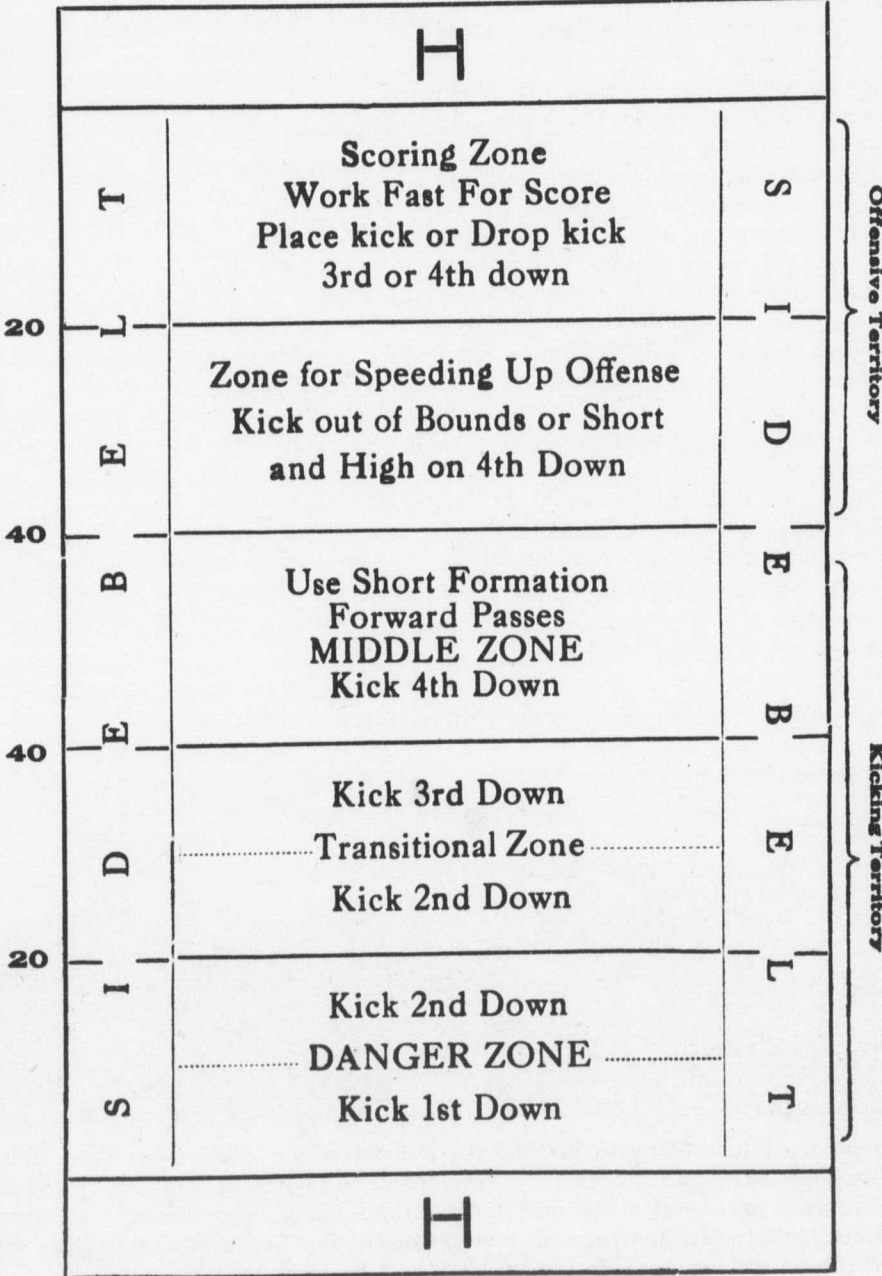
Leo C. Moser, '18, former director of information of the U. S. Grain growers is now with the Institute of American Meat Packers bureau of public relations. Leo writes from 2237 East Seventieth street, Chicago, that he will be ready to help along a little any time the order is passed out.

Florence Snell, '11, nutrition worker for the Red Cross in eastern Arkansas, was in Manhattan this summer and it seemed to her "the college campus was never more beautiful." Her work takes her into three counties for which reason THE INDUSTRIALIST is mailed to her at Douglass, Kan.

A. A. Progress Only a Start

"I am glad to learn of the splendid progress of the alumni association," confesses S. D. Capper, '21, supervisor and instructor of vocational education, Beloit. "I trust this will be counted only as a beginning and will point the way to higher goals.

"You may count on my support in any way it is possible for the advancement of the interests of K. S. A. C."





## WIN FIRST GAME 47-0

AGGIES, USING 22 MEN, OVERWHELM WASHBURN

Wildcats Play in Late Season Form Against Visitors—Ninety Piece Band, Full Student Attendance, and Freshman Rooters Features

Somebody has been feeding the Aggie Wildcats raw meat. From the way they tore into the Washburn warriors last Saturday, one would judge that several teams in the Missouri valley conference are likely to get severely bruised before Thanksgiving comes. The count in the fray Saturday was 47 for the Aggies and nothing for Washburn, and both teams earned all they got.

It already looks as if the Aggie graduates and former students who don't come home on Homecoming day, October 28, will never cease kicking themselves when they hear the news. If they come to Manhattan on that date, when the Aggies play K. U., they will also return on November 30 to behold the mystification of Texas Christian university.

### TWIN WILDCATS

The followers of Aggie sports have already discovered that the Wildcat team is practically twins this year—at least there are two of them. The bunch of so-called second string men that Bachman sent in about the middle of the second quarter and kept in until the last session forgot they were merely being tried out. They wallowed Washburn as completely as did the regulars and had the press box scorers gasping for breath all the time.

The Washburn game was all that could be desired in the first game, and much more than was expected. For the first time in history every college student was present. The new activity fee has proved itself successful already. Everybody was at the game and everybody got his money's worth. Mike Ahearn counted 3,500.

### BAND 90 STRONG

The Aggie band appeared at 2:55 and 90 musicians started things by a march around the gridiron. The Aggie freshmen on the east bleachers had all the enthusiasm and pep that could be desired. The one unit of the new stadium already completed and the unit under construction made a pleasing prophecy for future Aggie athletics.

And the Aggie team had everything, and everything seemed to work. Line plunges, off tackle swings and runs, and a whole bag full of forward passes kept the Washburn players watching and praying throughout. The Wildcats already have much of the sparkle of late season form. Their defense was 100 per cent stone wall and their offense at times ran a temperature of 105. Witness the penalty figures.

### WASHBURN SMOTHERED

Washburn was unable to demonstrate whether she has a good team or not. Her offense was smothered completely and her defense, of course, could not show much for itself. The two Aggie lines that were used, more than satisfied the fans. Swartz, Burton, Stark, and Sears, the regular backfield, had so little trouble that they got to view about half the game from the side lines. The work of Sebring, Weber, Munn, and Doolan at end made them all look like regulars. Brown, Brandley, and Axline at half and Portneir at full performed so creditably that it is going to be hard telling who is regular and who reserve.

Here are the figures and facts of the game for those who are suspicious of generalizations.

The Aggies scored one touchdown in the first quarter, two in the second, two in the third and two of the five touchdowns were the result of completed forward passes—Swartz to Sebring and Axline to Munn. Sears scored three, Stark one and Portneir one on rushes. Two of the seven Aggie attempts at the try for point failed. Sears scored one on a play

through the line. Sebring kicked three place kicks and Brown booted one place kick. Both the failures at the try for point were attempts at place kicks.

### THE LINE-UP

Washburn	Aggies
Jemison.....R. E.	Sebring
Barstow.....R. T.	Staib
Morris.....R. G.	Schindler
Hall.....C.	Hutton
Saxon.....L. G.	Hahn
Blevins.....L. T.	Nichols
Seever.....L. E.	Swartz
Oakes.....R. H.	Burton
Brewster.....L. H.	Stark
Taylor.....F.	Sears

Substitutions—Washburn: Fowler for Morris; White for Oakes; Bruce for Jemison; Sharp for Taylor; Euler for White; Erwin for Hall; Davis for Bruce; Crawford for Davis; Schrader for Seever; Seever for Taylor; Taylor for Seever; Seever for Schrader; Brown for Erwin. Aggies: Brandley for Burton; Portneir for Sears; Brown for Swartz; Doolan for Sebring; Quinn for Nichols; Steiner for Schindler; Axline for Swartz; Franz for Quinn; Swartz for Axline; Hahn for Steiner; Staib for Erwin; Weber for Munn; Sebring for Doolan; Hutton for Harder and Perham for Hutton.

Officials—Cochrane, Kalamazoo, referee; Harper, University of Chicago, umpire; Edmonds, Ottawa university, headlinesman.

Yards gained from scrimmage—Aggies, 227; Washburn, 18. Yards lost from scrimmage—Aggies, 5; Washburn, 10. First downs—Aggies, 9; Washburn, 12. Punts returned—Aggies, four for 50 yards; Washburn, none.

Yards gained from intercepted passes—Aggies, two for 25; Washburn, two for 13. Yards gained by forward passes—Aggies, 13 for 143 yards; Washburn, none. Yards lost from pass attempts—Aggies, 5; Washburn, 20. Passes blocked—Aggies, 9; Washburn, 3. Yards from kickoff—Aggies, five for 240; Washburn, five for 200.

Yards kickoffs returned—Aggies, five for 70; Washburn, four for 50. Penalty yards—Aggies, eighteen for 155; Washburn, three for 25. Yards from punts—Aggies, two for 113; Washburn, eight for 291.

### NEXT HURDLE LOOKS EASY

(Concluded from page one)

torn ligaments, which will keep him out two weeks. Clements, a back field man who has been on the hospital list for the last 10 days, and Brandley are probably candidates for right halfback to replace Burton against the Pikers. Both Brandley and Clements are substitutes of last year but neither is a letter man.

Scout "Ted" Curtiss, who observed the Washington-Rolla game in which the Pikers won 14-6, reported possible concealed strength on the part of the Pikers. Due to the muddy field neither team was able to show anything. The Aggie mentors figure that Washington was saving her strength for the Aggie game, recalling a 21-0 drubbing at Manhattan last year.

While the Pikers were playing Rolla, Missouri conference team, to a one touchdown defeat Saturday, the Aggies were swamping Washburn, one of the strongest teams in the Kansas conference, under a 47-0 score. Whether the comparison justifies the obvious conclusion that Washington is considerably weaker than the Aggies is problematical. Possibly the Aggies are a bit chesty and the Pikers a bit determined as a result of last Saturday's experience, which ought to even things up.

The Aggies have good reason to be chesty. Their early season form was the best evidence in a season opener on Ahearn field for many years. The forward pass worked in midseason form. All four of the ends, two quarterbacks, and four halfbacks used in the game employed it with good results. The Wildcats kept Washburn from completing a single first down. Washburn hardly gave the Aggies a test.

Much doubt still remains as to what impression Bachman's charges will make upon a team more nearly equal in football brains and ability. They ran down the Ichabods ruthlessly, with splendid self confidence and finish. Minus their Saturday tendency to foul and fumble, the Aggies will present a real danger to the laurels of any one of the conference teams which they will meet between now and Thanksgiving.

Sweet clover is one of the most alkali-resistant crops grown in the west.

Kansas has more purebred Hereford cattle than any state except Iowa and Texas.

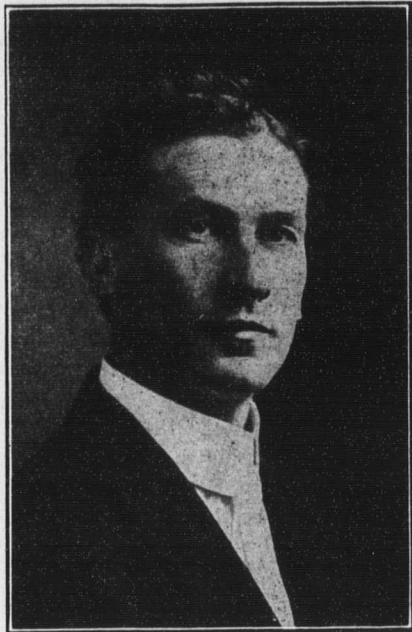
## FITZ ON YEAR'S LEAVE

HEAD OF MILLING DEPARTMENT MAY NOT RETURN

Employed in Research Laboratories of Fleischmann Company, New York, at Salary More than Double College Pay

Prof. L. A. Fitz, head of the department of milling industry at Kansas State Agricultural college, has been granted a leave of absence for one year to engage in commercial work. Professor Fitz is now employed in the research laboratories of the Fleischmann company in New York City.

It is not definitely known whether



PROF. L. A. FITZ

he will return to the college after his year's leave of absence expires. As the salary he receives in his present work is more than double what he was paid here, there is some doubt as to whether he will return if he finds conditions favorable for his research work in the Fleischmann laboratories. The Fitzes are at home at 35 Jackson street, New Rochelle, New York. The laboratory where Professor Fitz works is at 158th street and Mott avenue, New York City.

### MANN ACTING HEAD

During Professor Fitz's absence, Associate Professor P. L. Mann will be acting head of the department of milling industry. Professor Mann was graduated at K. S. A. C. in 1918. Subsequently he had extensive experience in milling investigations in the department of agriculture at Washington, before returning to K. S. A. C. in September 1921.

Professor Fitz spent four years in the service of the office of cereal investigations of the United States department of agriculture following graduation from K. S. A. C. with the class of 1902. During this period he carried on experimental work in the production of cereals and became unusually well grounded in the agronomic phases of the cereal industry.

### BACK TO COLLEGE IN 1910

For four years following 1906 he was in the employ of the federal office of grain standardization, where he conducted pioneer work in cereal chemistry as a part of the activities of the government in the establish-

ment of what are now the federal grain standards. In this same work Professor Fitz also did extensive experimenting in milling and baking to secure information necessary in the establishment of the grain grades.

Returning to the college in 1910 as head of the department of milling industry, Professor Fitz brought to the institution a rich experience with cereals and milling. He has been in charge of the department of milling industry continuously since 1910 and has made the department known throughout the United States for the excellence of its service in the training of students and the conduct of milling investigations.

For several years, in addition to his responsibilities in the department, he has represented the director of the experiment station in the administration of state laws providing for the control of the sale of commercial feeding-stuffs and livestock remedies.

### KANRED IS DEFENDED

(Concluded from page one)

key produced a yield of 10 bushels while Kanred produced slightly over nine. In all other cases, however, Kanred exceeded the yield of Turkey in northeastern Kansas.

Much of the opposition to Kanred wheat is, in my opinion, due to a mistaken idea as to its origin. Many think Kanred is a soft wheat or a hybrid. Many think that it is a different type of wheat from Turkey. Such is not the case. Kanred is as truly a Turkey wheat as is the old Red Turkey or the Kharkof variety which have been grown so many years in Kansas. In speaking of Turkey, we usually use the name to refer to the old importations of wheat that originally came from Russia, and which later were improved at this institution, and other similar institutions in the hard wheat section of the United States. It should be understood, therefore, that in Kanred we have a strain of Turkey which differs from the old Turkey in two or three important respects.

### WHY IT IS FAVORED

It is more resistant to certain strains of black stem rust and to orange leaf rust than the old strains of Turkey. It has been in our observation somewhat more winter hardy than the old types of Turkey wheat. It has matured on the average slightly earlier than the old strains of Turkey wheat.

These characteristics have enabled it on the average to withstand adverse conditions and to yield somewhat more grain to the acre. In other essential respects, there is no difference between Kanred and the old strains of Turkey wheat. It has, so far as we can determine, the same color, the same ability to produce dark, hard wheat, the same tendency to produce yellow-berry when planted under humid conditions, and the same tendency to lodge when the weather is wet.

Some farmers have thought that there was a tendency for Kanred to produce a little larger leaf area than the older strains of Turkey wheat. This may be the case, but the difference in this respect is not very marked.

I have mentioned these things to

endeavor to show you that when we speak of Turkey wheat we speak of a group rather than an individual variety. The term Turkey, however, has been used so long to designate the earlier importations that we have come to think of and call all of these earlier importations Turkey. At this institution, however, in speaking of Turkey we usually refer to a selection that was made many years ago at this institution. It is with this particular strain, which has been our highest yielding strain of old Turkey wheat, that Kanred has been compared at this institution and in variety tests with farmers in different sections of the state.

Based upon all of the evidence that we have on hand extending over a period of 12 years, we feel perfectly safe in stating that Kanred is a better variety of wheat than the old strains of Turkey for planting, not only in your section of Kansas, but throughout the hard wheat section of Kansas as well.

### MILLING QUALITIES O. K.

Milling results extending over 12 years of time at this institution and similar results extending over five years of time by the U. S. department of agriculture show that there is comparatively little difference in the milling value of Kanred or Turkey wheat or in the quality of the flour or bread produced from these varieties. I feel confident that neither the farmers of Kansas nor the millers or grain men of this state need fear Kanred from the standpoint of its milling or baking value. Since it is a Turkey wheat, there is little reason to suspect that it will mill differently than other varieties of the Turkey type.

### Alumni in Stadium Line-up

"The alumni association took a very practical and reasonable stand on the stadium question last year," believes A. E. Oman, '00, Bozeman, Mont., "and that should redound to increased interest and enthusiasm on the proposed drive this fall.

"With the splendid beginning made by the college and Manhattan folks, the alumni army should fall in line 'to a man'."

### Quinn To Missouri

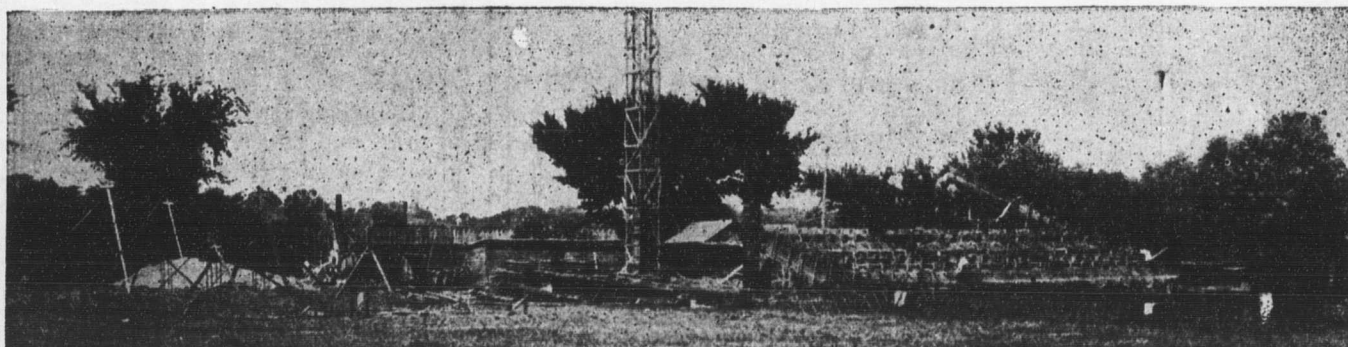
J. T. Quinn, '22, who has charge of the horticulture work in the K. S. A. C. home study service has resigned to accept a position as instructor in horticulture in the University of Missouri. Mr. Quinn has been with the department of horticulture six years. He began with orcharding and worked part time while attending school. He will take up his new work October 15. His successor has not been appointed.

### No Place Like K. S. A. C.

Adda Middleton, '20, is teaching home economics again this year in the union high school at Calipatria, Cal. She spent the summer camping in the Sequoia and Yosemite national parks and visiting in San Francisco and other coast cities.

"But I often wish," she confesses, "I were near enough to visit dear old K. S. A. C. real often. I am always interested in what is taking place there."

## First Picture of New Aggie Stadium



Much progress has been made on the memorial stadium since the accompanying picture was taken. The unit of construction seen in the picture has been completed and was

first used last Saturday by the Aggie-Washburn game crowd. A second unit, to the left of the one shown here, is practically finished and a third unit between these two is well

under way. The contractor hopes to have four such units ready for the Homecoming day crowd. It is anticipated that every available seat will be occupied on that day.



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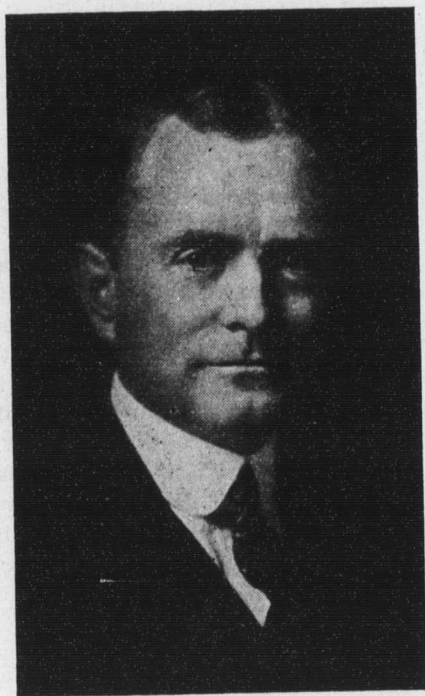
Number 5

## TALBERT QUILTS KANSAS

K. S. A. C. EXTENSION EXECUTIVE  
TO MISSOURI UNIVERSITY

Becomes Professor and Head of Department of Horticulture in Native State—Stay Here Marked by Success

Thomas J. Talbert, since December, 1919, superintendent of institutes and extension schools in Kansas State Agricultural college, has resigned his position to accept the appointment of professor and head of



T. J. TALBERT

the department of horticulture in the college of agriculture, Missouri State university. Professor Talbert went to his new post at the beginning of the present school year.

The three years during which he was connected with K. S. A. C. marked great improvement in the branches of extension activities which Professor Talbert directed. He managed the successful college Farm and Home weeks of 1920 and 1921. While connected with the college he wrote two bulletins which have attracted nationwide attention. They are "The Extension Worker's Code" and "Extension Salesmanship."

### FIRST HERE IN 1914

Talbert's experience previous to his entering college, as a country school teacher and as a rural free delivery driver, added to his knowledge of rural life attained during a childhood spent on a Missouri farm, gave him an ideal background as an agricultural educator. He worked his way through the Missouri college of agriculture, receiving his bachelor's degree in 1913. On account of the excellence of his scholarship he was appointed student assistant in horticulture, which position he held during the last two years of his undergraduate career.

Immediately after his graduation he was appointed assistant in entomology at the college of agriculture and deputy state nursery inspector. He was the first man to administer the law requiring the inspection of nursery stock. He succeeded in the task, which required infinite tact, but left the service at the end of a year in the fall of 1914 to become extension entomologist in Kansas State Agricultural college.

### PROMOTIONS RAPID

He was called to Missouri to become extension entomologist in that state in the fall of 1915. With Columbia as his headquarters he was able to pursue graduate work which he completed for a master's degree in

(Concluded on page four)

## HOMEcoming CROWD, 10,000

Estimates varying from 10,000 to 20,000 are placed on the probable attendance at the Homecoming game between the Kansas Aggies and K. U. here Saturday afternoon, October 28. The total seating capacity on Ahearn field will be not more than 6,500. Four thousand of these will be reserved. Seats are now on sale here.

Mike Ahearn, athletic director, believes that the crowd will not exceed 10,000. Asked what arrangement would be made for the overflow, Ahearn replied, "I have stopped worrying about that. We will simply do the best we can."

Three units of the section of the memorial stadium now under construction will be completed for the game. A fourth unit for which forms will be up, can be used. These units will take care of about 2,800 persons. The old grandstand and bleachers will accommodate 3,700.

C. J. Medlin, '20, Kansas representative of the Burger Engraving company, who has been calling upon high schools and colleges throughout the state this fall, believes that not less than 20,000 persons will be here to see the game, if the roads are in good condition and the weather fair. A number of high schools and colleges of Kansas are planning upon sending their coaches and teams to see the Aggies and the Jayhawks in action. Medlin figures that the student body and Manhattan alone will turn out more than 6,000 fans. He says every Aggie he has talked to this fall plans to see the game.

Medlin declares that they all figure this is an Aggie year.

## WALLACE AND MORGAN TO BE COLLEGE GUESTS

Secretary of Agriculture To Speak  
October 26—Morgan Coming for Homecoming Game

Henry Wallace, United States secretary of agriculture, will speak in the Kansas State Agricultural college auditorium at 10 o'clock in the morning, October 26. Mr. Wallace will go from here to Junction City, where he is to speak at 1:30 on the same date. The cabinet member has only a few speaking dates in Kansas, and Manhattan is fortunate in securing one of them.

W. Y. Morgan, republican candidate for governor, will speak at Cleburne at 10 o'clock in the morning on October 28. After his talk at Cleburne, Mr. Morgan will come to Manhattan where he will be a guest at the annual football classic between the Aggies and the Jayhawks, the two largest state institutions of learning. He will motor to Randolph immediately after the game to fill a speaking engagement there at 8 p. m.

## POULTRYMEN ON EXTENSION STAFF REPORT FOR DUTY

J. H. McAdams and D. J. Taylor Are  
New Names

J. H. McAdams, '16, and D. J. Taylor, Purdue '14, assumed their new duties as poultrymen on the extension staff of K. S. A. C. recently.

Mr. McAdams was connected with the Fort Hays branch experiment station immediately after graduation. He has been chief clerk of the Kansas state board of agriculture and county agent in Coffey county since graduation. He was operating a commercial poultry farm and chick hatchery when he accepted his new position on the extension staff.

Mr. Taylor has had three years extension experience in boys' and girls' poultry club work while connected with the Georgia state college of agriculture. He left this work to follow a combination of dairy and poultry farming at South Bend, Ind. and later specialized solely in the poultry side of it.

## 'NEWSPAPER A MIRROR'

IT HOLDS UP GLASS TO LIFE OF  
TODAY, CARL F. WHITE SAYS

Managing Editor of Kansas City Kansan Addresses Classes—Declares Press Subject to Initiative, Referendum, Recall

Carl F. White, managing editor of the Kansas City Kansan, addressed a number of classes in industrial journalism Monday and Tuesday. He spoke to the entire department on the subject of "The Newspaper of Today" Monday afternoon. Mr. White recited the story of the Kansan which was founded in 1921.

"The newspaper of today is what it always has been—a mirror of the life, of the civilization that surrounds it," Mr. White declared. "Should you, upon looking into a mirror, be displeased with the reflection there, you would change your face—would you not?—or at least your expression. You wouldn't fly into a rage and smash the mirror. It was no fault of the mirror, that that which was reflected from its polished surface was displeasing to you. So it is when a community looks upon the news page or editorial page of a newspaper. If it does not like what it sees it should change the community. In the final analysis the newspaper reflects the community."

### "VOICE OF THE CROWD"

"The newspaper is the voice of the crowd. What language is to the individual, the printed newspaper is to the multitude. Without language men could not warn each other, tell what they had seen and thought. Without the written word, knowledge could not be handed down from one generation to another."

"The newspaper is the voice of the crowd for the day. History is the voice of the people for the centuries."

"There are several kinds of newspapers, two of which are important. One is well illustrated by the three little monkeys that you see in Chinese stores. One monkey has his hands on his mouth. He will speak no evil. Another, with his eyes covered, will see no evil. The third, holding his hands on his ears, will hear no evil. Those virtuous monkey newspapers that neither speak, see, nor hear evil things are highly appreciated by great corporations and others that are diligently exploiting all the people all the time. And those little journalistic monkeys get their reward in some form, although they usually are not successful newspapers."

### MAKES DEMOCRACY POSSIBLE

"Then there is another kind of newspaper—the real newspaper. Such a newspaper keeps its eyes open to see what is evil, keeps its ears open to hear it, and does not hesitate to open its mouth to tell it that all the people may know."

"The newspaper alone makes possible democratic government on a wide scale. One of the wisest Greeks said that no nation could preserve self government if it grew so big that the citizens could no longer meet in the public square to discuss public matters. Matters of public interest then were publicly discussed, the citizens listening, forming their opinions and acting upon them."

### MEET IN NEWSPAPER NOW

"The daily newspaper is today what the public square was to ancient Greeks. All the hundred millions of Americans able to read meet every morning in the columns of the newspaper. They see at the same time the same news; they know what

has happened; they know what men of affairs and in office have said and done.

"The public of this country could not meet in a public square, but through the newspapers, having all the facts before them at the same hour every morning and every evening, they are able to think as a unit; and despite our bigness that spreads from ocean to ocean they are able to govern themselves."

### AN EDUCATIVE FORCE

"The business of the newspaper is to tell the news as it happens, not as a few want it told, to protect the public interest, which means sometimes interfering with private plans. If a newspaper is not successful it dies and is nothing. If it is successful, it often makes its owner rich. And when a man becomes rich, as a rule, the world gradually changes, takes on a softer hue, seems to him a decent, respectable sort of place, not needing much change or improvement."

"The most important thing that a newspaper could possibly do is something that no newspaper does thoroughly, or even approximately. Every newspaper should be systematically and persistently an educating power. Better than any other agency on earth, the newspaper is fitted to distribute knowledge. The newspaper can distribute knowledge as the rain distributes water—in small drops, easily absorbed."

### WHAT PEOPLE MAKE THEM

"Newspapers, in the final analysis, are what the people make them. They are subject at all times to the initiative, referendum, and recall. Any newspaper can be eliminated in 24 hours if the people wish it. If they didn't buy the paper, that would settle it. Any newspaper can be told immediately, by its circulation barometer, that it is or is not pleasing to the public."

"The newspaper is a mirror; the community looking into it sees itself."

## BUTCHER, AGGIE FULLBACK, SUFFERS FRACTURE OF ARM

Jinx Follows Backfield Man in Scrimmage Last week

A. W. Butcher, Solomon, fullback on the Kansas Aggie football squad, suffered a fracture of the right arm in scrimmage between the varsity and freshman teams last week. Butcher's appearance at practice yesterday was the first in uniform since he suffered a broken nose about two weeks ago. He will be out of the game for the remainder of the season. Butcher was prevented from playing in the last game of the 1921 season by an injury received in scrimmage.

The United States census of 1920 says "Kansas has 111,055 automobiles and 165,286 farms; Missouri 86,229 automobiles and 263,004 farms; and Oklahoma 52,063 automobiles and 191,988 farms."

## TEACHING FOR A START

MANY GRADUATES IN H. S. WORK  
CONSIDER JOB TEMPORARY

Dean Farrell Regards It as Regrettable Fact That Large Proportion of Men Thus Employed Look at Position as Mere Stepping Stone

That an unfortunate tendency to regard the teaching profession merely as a stepping stone exists among many agricultural graduates of K. S. A. C., is indicated by the results of an investigation recently reported by the division of agriculture, according to Dean F. D. Farrell.

The investigation was made among the members of the 1921 and 1922 graduating classes in agriculture. About 35 per cent of the class of 1921 obtained positions as agricultural teachers in high schools. But at the time of their graduation only 3 per cent expect to continue in the teaching profession for as long as five years.

A similar situation is found among the class of 1922. About 40 per cent of that class are teaching at present, but only 14 per cent of them expect to be teaching five years from now.

### BEST TEACHERS NEEDED

"Most of these graduates plan to become farmers," Dean Farrell commented. "It is true that the country cannot have too many agricultural graduates on the farms. High class leadership on the farm is as important and as rare as capable agricultural leadership elsewhere."

"But as the great majority of high school students who become farmers get no formal training beyond the high school, the need for farm leadership emphasizes the importance of having the best possible agricultural teaching in the high schools."

### GOOD PAY FOR TEACHING

"It is regrettable that so many agricultural graduates regard teaching as a temporary expedient. Graduates who enter the profession of agricultural teaching on a temporary basis are not as likely to do high class work as they would be if they planned definitely to make a career of teaching."

"The teaching profession is certainly one of the most important occupations and there is no field in which it is more important than it is in agriculture. Public appreciation of this fact is growing. This is shown by the good salaries now paid to young teachers. The salaries paid to members of the agricultural graduates of 1922 who are teaching agriculture range from \$1,800 to \$2,700 a year. It is also shown by recent improvements in high school buildings and other teaching facilities."

"Good teaching is perhaps the greatest factor in the development of public appreciation. It is desirable from every standpoint that an increasing number of superior agricultural graduates should enter the teaching profession and plan to make it a career."

### DEAN VAN ZILE ATTENDS

Y. W. COUNCIL MEETING

Goes to Denver as Only Faculty Member of Group

Mary P. Van Zile, dean of women attended the council meeting of the Rocky Mountain region of the Y. W. C. A. recently. Dean Van Zile is one of the seven members of the council, and the only faculty member.

Light kitchen walls help to make lighter housekeeping.



## THE KANSAS INDUSTRIALIST

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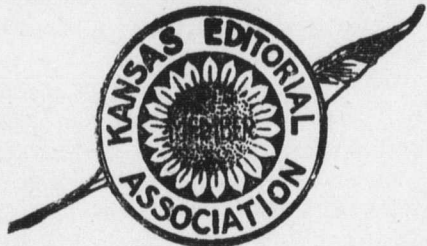
W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. W. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, OCTOBER 18, 1922

### BOOKS AND THE FARMER

At certain times of the year, the farmer has leisure in which to read. He uses that leisure for reading. He reads newspapers, farm journals, books.

Unfortunately he finds few books especially adapted to his interests and needs. Not that farmers need a library wholly different from the library that appeals to city people. Good fiction, good poetry, are for country and city alike.

There is, however, the field of so-called serious literature, the demand for which is constantly growing. In this field, where interests are likely to be somewhat highly specialized, farmers find relatively little for them. There are books on crops, on soils, on livestock—some of them adapted to the needs and tastes of the practical farmer, some of them not.

But in any event it is not in these subjects that the farmer particularly wants information; he already knows much of what appears in books. He does want more information on matters connected with economics, sociology, and politics as applied to agriculture and rural life. Generally speaking, he cannot find them. The books on such subjects are for the most part college textbooks, intended for classroom use. They are not adapted to the farmer.

An opportunity would seem to be open to some publishing house with sufficient vision to undertake this largely untouched field. It would probably not result in any best sellers, but it would produce works for which there would be a steady demand. Moreover, it would be performing a distinct service to agriculture and rural life.

### CORN TASSELS

H. W. H.

Cleopatra was the first exponent of gauze and effect, declares the Parsons Republican.

### MALE AND FEMALE

A woman is always fingering the stray curls on her neck. A man usually is "hitching" up his trousers.—Atchison Globe.

It is fortunate, sighs the Vermilion Times in relief, that knockers can't take their hammers to the grave with them. They might break out.

It is our opinion that a lot of fellows who miss the pearly gates will say to their companions when they reach their final destination, "Well,

is it hot enough for you," from force of habit.—Kansas Optimist.

"Keep your eye on the man who says he can't fight," warns Polk Daniels in the Howard Courant. "The worst jolt I ever got was from a boy who said he couldn't fight and wouldn't fight—and I believed him. That is where I made my big mistake."

One set of fellows is saying, "See what an European mess we'd be in now if we had joined the league of nations." Another set says "See all the bloodshed and turmoil that could have been prevented if the strong hand of the United States had been stretched out to maintain the world's peace. Because she had no selfish interests all the nations would have listened to her fair judgment."—Jewell County Republican.

### KIDDING THE EDITORS

"God forbid!" says Dr. Frank Crane, "that I should ever own a newspaper or attempt to manage one! It takes vaster quantities of both courage and tact than I possess."

What a queer man this Doctor Crane must be, to confess he lacks capacity to run a newspaper. Why, we thought everybody knew how to run a newspaper. Most people think that running a newspaper is just the easiest thing; they firmly believe that they could do a much better job of it than is being done as matters are arranged now. What does Doctor Crane mean, anyway? Courage and tact—what have they got to do with running a newspaper? Doctor Crane must be kidding us.—Abilene Reflector.

### A TRUE DISCIPLE

Jasper Tightwad is much interested in church work. He likes to hear the pipe organ and the choir and listen to the fine talks by the minister, and the church socials are a thing of joy forever to him. But he is annoyed by the collection box being stuck under his nose and the girls who are trying to sell tickets for "supper." He says the church of the land will come into its own when the government pays the minister and other expenses and makes religion as the Bible intends it should be—absolutely free to everybody.—Marshall County News.

### A QUARTER CENTURY AGO

Items from The Industrialist, October 18, 1897

Dr. Crise and the Rev. R. J. Phipps were visitors at the college Tuesday.

F. E. Uhl, '96, of Johnson county, was visiting college friends last week.

The department of industrial art has lately added a typewriter to its equipment.

The printing department has prepared several herbarium portfolios for the class in botany.

Ex-President and Mrs. Fairchild have moved to Chicago, where their present address is 3515 Indiana avenue.

The board of regents will meet tomorrow afternoon, October 19, and will probably remain in session all the week.

The sewing rooms have lately received four new sewing machines—one "Improved Singer" and three "New Homes."

The Rev. Mr. Lowe of the Christian church led the devotional exercises in chapel Tuesday morning, after which Mr. Smiley, the lecturer, talked very eloquently about "making a record."

The library will soon see the addition of \$1,000 worth of new books. The amount has been apportioned among the departments this week and most of the books have already been selected.

"Class of '95."—There are at THE

INDUSTRIALIST office a limited number of class albums containing portraits and sketches of the Class of '95, which will be disposed of, while the supply lasts, at \$1 each.

Miss Hugh is enjoying a visit by her parents. Their home is in Arlington, Reno county, but they seemed to be so highly pleased with the agricultural college that we should not wonder if they stay in Manhattan.

Upton Manufacturing company, of Upton, Mass., has kindly donated to the farm department of the experiment station, a large sized Hill milk aerator. This is one of the most valuable of dairy appliances for purifying milk.

and the young women like her much as a teacher.

Two of our best known former students were united in marriage on Monday, October 11, by the Rev. E. Gill. They were George B. Harrop and Miss Florence Fox, both of Manhattan. THE INDUSTRIALIST joins their many friends in congratulations and good wishes.

We have heard many comments of late about the fine music furnished by the college cornet band at the many occasions where they have been invited to appear. In no previous year did the band start out in such fine shape and with so many good players in its ranks.

Miss C. J. Short, assistant in the

## The Farmer's Credit Needs

J. R. Howard, President of the American Farm Bureau Federation

We farmers are concerned immediately with the payment of our present obligations. We are hopeful that prices will mend and agricultural conditions improve so that we may meet them. Many of us are sure that we will have to refund our loans and probably increase the principal. These facts are vital to the whole country, because agriculture is the great basic industry of the nation.

Within the circle of my own community I can point out a score of land owners who began life either as hired laborers or tenants. When they began to accumulate, the desire for land ownership possessed them. Soon they became land owners. This was made possible through that form of credit known as real estate loans.

I am interested that the good tenant farmer who aspires to be a land owner be granted a credit on such terms as will enable him not only to own his farm but to improve its fertility from year to year and to take his proper place in community building and life. For this reason I believe the amortized loan to be ideal. It stimulates in the progressive tenant, or the young prospective farmer, a home ownership desire and a confidence in land possession through the longer period of credit and certainty of continuance, which the shorter loan does not afford. This permanence and assurance naturally brings with it the hope and inducement for both farm improvement and community building.

The farmer is not only the most essential and the largest factor in economic life but from the standpoint of investment he is the safest factor. Money wisely invested in land or in production of the products of land is less hazardous than in manufacturing, or merchandising, or commerce and it is not right that because a farmer borrows in small amounts or because his turnover is but once a year that he be charged higher rates than most other industries. Yet, this is true and agricultural credit will continue to be a burning issue until some relief is found.

Mrs. Kedzie writes from Peoria, where she is professor of domestic science in the Bradley Polytechnic institute, that she teaches but 12 hours per week. When at Manhattan she often had to take care of classes fully 30 hours.

Regents C. B. Daughters and George M. Munger were here several days last week, to visit the different departments, and to make arrangements for the tuberculosis tests which were commenced by Professors Cottrell and Fischer.

Mrs. Campbell talked very earnestly Wednesday morning, her subject being, "The Meaning in a Grain of Wheat." She also gave the bachelor boys some wholesome instruction as to how to prepare a "breakfast dish."—Manhattan Republic.

Mrs. John Davis, of Junction City, mother of Superintendent Davis of the printing department, has been visiting her son's family, and was an interested spectator at several class recitations and college exercises on different days last week.

Mrs. Hanson has been assistant in the sewing department since the resignation of Miss Hochleitner. Mrs. Hanson is the mother of our senior, Miss Anna Hanson. She seems to be perfectly at home in the classroom,

domestic science department, together with her sister, Adelaide, who is a student here, attended a family reunion at Blue Rapids, last week. Her father, H. C. Short, who lives in Fruita, Col., visited her at Manhattan for a part of the week.

Secretary Graham informs us that the oldest daughter of Fred Avery, '87, of Wakefield, died last Monday morning, and that her mother is seriously ill with the same disease, diphtheria. The classmates and friends of Mr. Avery will remember that he died about two years ago.

The new domestic science building is nearing completion. Another week will probably see the carpenters' and finishers' work done and the heating equipment under way. In a few more days the horticultural department will have the grading completed. The plumbing will probably be done by a contractor.

The following students have been assisting in the tuberculosis tests at the college barn the past week: J. G. Haney, R. B. Mitchell, A. A. Paige, J. C. Bolton, L. H. Thomas, F. Zimmerman, H. A. Martin, C. Mansfield, H. P. Neilson, E. B. Patten, J. W. Adams, Wm. Poole, A. T. Kinsley, A. B. Symus, C. B. Ingman, A. C. Havens.

## VANISHINGS

Alice Buckton

The Spirit passeth by,  
The glories fade,  
That but an hour since  
Thy pleasure made.  
The golden blossom trained  
About thy bower,  
That decked the dazzling noon  
With many a flower,  
Is wilted now, and wan  
Within the shade;  
"The spirit passeth by,  
The glories fade!"

The noon will not return,  
The day is dead;  
The blossom of the hour  
Is vanished.  
Why wander idly down  
The empty lane,  
And press from every thorn  
Its drop of pain,  
And stretch thy hands to keep  
The parting scene,  
Marring the happy grace  
Of what hath been?

Let go the gentle touch  
Of dying things,  
Nor bid the bird repeat  
The song it sings,  
For nothing lives again!  
But Life, to thee  
The hourly child of Life,  
For this shall be  
More purely worshipped,  
More meek obeyed—  
"The spirit passeth by,  
And glories fade!"

## MAKES RECONSTRUCTED WOOD

From shavings and sawdust combined with suitable binders, there is now being made a new reconstructed wood material that has many advantages over ordinary wood, and is the result of research made by Prof. George Kemmerer, of the chemistry department of the University of Wisconsin. Professor Kemmerer's new process has been used commercially since last winter, and has proved better than wood for certain purposes.

The sawdust is mixed with a new binding material which Professor Kemmerer discovered and perfected, is put into a mold, and then subjected to pressure, of from 500 to 1,000 pounds per square inch. The resulting product is much tougher and harder than ordinary wood, does not split, and is practically impervious to water. This reconstructed wood takes finishes, such as varnish and enamels, well.

When we find ourselves entertaining an opinion about the basis of which there is a quality of feeling which tells us that to inquire into it would be absurd, obviously unnecessary, unprofitable, undesirable, bad form, or wicked, we may know that that opinion is a nonrational one, and probably, therefore, founded upon inadequate evidence.—William Trotter in "Instincts of the Herd."

Good sense is, of all things among men, the most equally distributed; for everyone thinks himself so abundantly provided with it, that even those who are the most difficult to satisfy in everything else do not usually desire a larger measure of this quality than they already possess.—Descartes.

The farmer is no more a fortune hunter, but one of the most stable economic and social factors of the nation. This he will continue to be on one condition—he must have an income which will enable him to live as well as his fellow man, to educate his family, to lay aside a competence, and to receive due recognition in all the affairs of life.—J. R. Howard.

The casual writing of the college newspaper does nothing like so much to prepare men for the more serious tasks of a daily as hard, conscientious reading in history, science, political economy, political science, philosophy, and literature.—Talcott Williams.

One dreams of a prose that has never yet been written in English, though the language is made for it and there are minds not incapable of it, a prose dealing with the greatest things quietly and justly as men deal with them in their secret meditations.—The London Times.



## AMONG THE ALUMNI

Florence Clarke, '18, is at Hern-don.

John T. Pearson, '22, gives his new address as Box 302, Mankato.

Hattie Gesner, '19, has removed from Moscow to Boise, Idaho.

Charles Zimmerman, '22, writes in from 145 N. Pine avenue, Chicago.

R. I. Throckmorton, '11, is living at 403 College avenue, Ithaca, N. Y.

Edwin F. Whedon, '19, is now at 1960 Eldorado avenue, Berkeley, Cal.

Anna (Pratt) McMorris, '14, now is living at 306 West Hale avenue, Burlingame.

Minnie L. Romick, '94, corrects her Los Angeles address to read 2634 Gleason street.

E. S. "Jack" Taft, '08, may now be found at 1715 West Sixteenth street, Sioux City, Iowa.

J. W. Harner, '00, '09, has removed from Mississippi to 4311 Union avenue, Chicago.

Minnie L. Copeland, '98, 214 West Seventieth street, New York, is a Christian Science nurse.

L. R. Hiatt, '17, 1313 West Sixth street, Topeka, is special agent for an insurance company.

The home address of Nelson J. Anderson, '20, is 213 North Twenty-seventh street, Parsons.

Douglas A. Hine, '18, and Dorothy (Smith) Hine, f. s., have removed from Oskaloosa to Americus.

Bertha Biltz, '20, is with the Michael Reese hospital, Twenty-ninth street and Ellis avenue, Chicago.

James C. Riney, '16, is instructor in manual training and director of athletics in the schools at Dallas, Ore.

Virginia (Troutman) Wilhite, '07, sends greeting from the mountains of California. She is teaching at Hipass.

Franklin A. Adams, '09, is with the State Bank of Meriden, having transferred from the Guaranty State bank, Topeka.

John B. Elliott, '22, is teaching music in one of the high schools at St. Joseph, Mo. He lives at the Y. M. C. A.

Eva Leland, '22, is teaching at Maize, twelve miles from her home, 1120 South Emporia, Wichita. She is an active alumnus.

Elizabeth (McNew) Winter, '21, is director of home economics of the Southwest Texas State Normal College, San Marcos, Tex.

Nora Corbet, '21, checks in as an active alumnus from Everest, Kas., where she is teaching home economics in the high school.

Earl Teagarden, '20, is teaching agriculture in the Reno county high school. He also has charge of the school's experimental farm.

Mayme (Houghton) Brock, '91, has taken up the study of the mellophone and is playing in the Haulenbeck orchestra at Portland, Ore.

J. M. Ryan, '07, Holton, a director of the Kansas State Farm bureau, attended a recent meeting of the board in Manhattan. Ralph Snyder, '90, is the president.

Vern W. Stambaugh, '22, has a research fellowship in the agricultural engineering department, Ames, and is taking full time work toward his master's degree.

C. V. Holsinger, '95, and Mable (Wilson) Holsinger, '95, were guests October 7 of Prof. and Mrs. Albert Dickens. Holsinger is extension professor of horticulture at Iowa State college, Ames.

Mary Cornelia Lee, '89, Manhattan city librarian, was president last year of the Kansas State Library association and presided at its annual meeting in Hutchinson.

Lieut. E. J. Walters, '18, quartermaster at Ft. Wadsworth, N. Y., is spending a three months' leave with his parents, Mr. and Mrs. J. D. Walters, and has enrolled in the graduate school for work in engineering.

Christine Mossman Corlett, '91, is first grade statistical clerk, T. S. S., division of loans and currency, treasury department, Washington, D. C. She arrived at her present position through six promotions in the last three years.

Major Orlando G. Palmer, '87, is assistant adjutant, First Cavalry division, Ft. Bliss, Tex. Before taking the post in June, the major visited D. G. Robertson, '86, in Chicago, and other friends and relatives in Missouri and Kansas.

The most nearly correct address of Henrietta (Willard) Calvin, '86, is Pullman lower 11 or upper 12. Her work as specialist in home economics with the bureau of education, Washington, D. C., keeps her almost constantly on the road.

J. B. Mudge, Jr., '14, who for three years has been employed in the Gearhart laboratories, Seattle, Wash., has accepted work with the Fleischmann Yeast company, New York. He visited his parents and college friends in Manhattan last week.

Walter P. Tucker, '92, Motor Route A, Arcadia, Fla., is "engaged chiefly in growing juicy oranges and grapefruit and in extending and developing the grove to make more fruit, to make more health, to make more smiles, and maybe a little money for the Tucks."

John V. Patten, '95, and Hortensia (Harmon) Patten, '95, who now live on Dekalb Road, Sycamore, Ill., after spending 20 years in Chicago, are happy in the change. But they say they miss the opportunity of seeing Kansas friends which they had there. "Tell them we are just around the corner and hope they will look us up." Mr. Patten is president and general manager of the Hero Furnace company.

J. B. S. Norton, '96, Hyattsville, Md., is professor of systematic botany and mycology in the University of Maryland and plant pathologist in the experiment station, and is in charge of the National Dahlia Society's trial garden at the university. For diversion, Professor Norton himself built a cottage on Chesapeake Bay shore and last summer superintended the building of a new residence in Hyattsville.

## BIRTHS

John F. Grady, '20, and Marian (Clarke) Grady, '21, 814 Poyntz, Manhattan, announce the birth September 28 of a daughter whom they have named Rosemary.

Ruth (Milton) Boyd, '16, and Doctor Boyd of Stafford, announce the birth September 16 of a daughter whom they have named Virginia.

Rex Guipre and Bertha (Dubbs) Guipre of Topeka, both former students, announce the birth October 5 of a daughter whom they have named Frances Jean.

O. I. Oshel, '13, and Mrs. Oshel, Gardner, announce the birth June 1 of twin boys whom they have named Warren Wesley and Loren Lesley.

C. G. Libby, '18, and Dorothy (Norris) Libby, '18, Glen Elder, announce the birth October 7 of a daughter whom they have named Shirley Jeanne.

Roy K. Durham, '20, and Viola (Stockwell) Durham, '17, Apt. 6, 507 West Thirty-first street, Kansas City, Mo., announce the birth October 8 of a son whom they have named J. Delmont.

## LOOKING AROUND

OLEY WEAVER, '11

The stadium is in the air. Three units of the portion under construction will be fixed there permanently by Homecoming day. There should be more, for the demand for seats far exceeds the number available in the stadium. A record crowd is coming.

All of which shows the need for the structure and how quickly the portion financed will be overrun when completed. The progress K. S. A. C. has made in athletics is appreciated. Persons who a few years ago never spoke of Aggies and athletics in the same breath, now are coming miles to see the Wildcats meet worthy opponents. Which justifies the purpose of the stadium builders to build big.

Thus far, all the money contributed and promised for the stadium has been by students, faculty and Manhattan townspeople. Numerous alumni have offered contributions but they have been asked to hold their money until the alumni as a unit are ready to respond. The time is nearly here; hence, stadium and stadium talk are in the air on the Aggie campus.

Alumni made various responses when asked nearly a year ago what they thought of the plan to build a memorial stadium. The proposition was approved almost unanimously. Loyal alumni saw in the plan opportunity to begin repaying their Alma Mater for the splendid start in life she had given them, and promised payment in accordance with their talents. For years the alumni had been trying to agree on some large project to develop in the name of their college mother. Here was and is that project.

Some thought the time not ripe for contributions but would be this fall. It is autumn in Kansas. Some thought the college family and Manhattan townspeople should make the start. It has been made and nearly a third of the project is financed. Some thought the stadium should be of concrete and built section by section over a number of years. It is being so built, deferred payments on pledges making the last funds available four years hence. Some thought this and some that—all these thoughts were properly weighed and due allowance and provision made.

The majority opinion of the alumni who expressed ideas was to advertise the project for a year and then let them know how much was expected of them and when contributions would be received. Many still thinking the football game with K. U. the one big event of the year, advised making a call on the alumni immediately after the victory over the Jayhawks October 28. The suggestion has merit.

But the stadium must be built regardless of a football victory over K. U. or any other of the U.'s the Aggies play annually. It is needed, it has been started, and alumni help has been promised. Unity, liberality, and cooperation will complete the job.

It's a big job. That's why it is a worthy undertaking for big hearted alumni. And that's why the alumni should be ready to start work on it at the drop of the hat.

She Missed the Campus  
Lelia Whearty, '18, teaches household arts in Bradley Polytechnic institute, Peoria, Ill. She attended the University of Chicago this summer, but there was one thing she missed

"and that was our lovely K. S. A. C. campus."

"I have seen no campus," she writes, "that can compare with ours in size and beauty."

The campus just now has taken on its fall color, but autumn winds make merry with the leaves and nature's efforts to decorate for Homecoming may be fruitless.

## Has Jobs for Aggies

Earl J. Trosper, '10, 1103 Majestic Theater building, Chicago, is a very busy man. He is general agency supervisor for the American Life Insurance company, is director of the service and information department, has organized a national woman's department, and has the state agency for the company in Minnesota.

Trosper took up his work with the company about the middle of July and "led the boys under the wire for the largest production for the month of July, winning all the prizes offered by the company for the month, which totaled \$350."

As agency supervisor, Trosper is rebuilding and extending the organization to all parts of the United States, he writes, "and it follows necessarily that we have a lot of splendid territory for men and women who can qualify. I am sure there are a number of Aggies who are competent to serve as district managers for our company."

In announcing his appointment, the official publication of the company reported Trosper's record as follows:

"Mr. Trosper has had a somewhat remarkable career, and all of his past experience in educational and organization work seems to have befitted him for his present important position with the company. He was born on a farm near Beattie, Kan., was graduated from the Kansas State Agricultural college, and spent two years supervising the first agricultural high school in the state of Iowa at Esterville.

"He was appointed and acted as supervisor of livestock for the United States bureau of animal industry in the southwest states. Following this he was state agricultural high school supervisor for North Dakota and later in the same capacity for Minnesota. He was district agricultural agent for the Northeast Missouri Agricultural Industrial association, with the University of Missouri and the United States department of agriculture cooperating.

"In 1919, Mr. Trosper originated and organized the National Federation of Cooperative Livestock shippers, whose membership now approximates 60 per cent of the livestock shippers of the country. He has taken an active part also in the formation of the State Farmers' Grain Dealers' association in cooperation with the National Farmers' Grain Dealers' association, and educational department.

"While indulging some of these voluminous activities, many of them all at one time, Mr. Trosper acted as dairy editor of the Journal of Agriculture, St. Louis; livestock editor of the American Cooperative Manager, and livestock editor of the American Cooperative Journal, the official journals of the National Farmers' Grain Dealers' association.

"He originated and organized the national calf club idea, which is the foundation for the great boys' and girls' calf club movement throughout the country. He organized and was made superintendent of the cooperative livestock marketing service department of the Hartford Fire Insurance company, which work took him to all parts of the United States and Canada.

"During the war, Mr. Trosper was in charge of various state campaigns for the government where increased food production, including pork, wool, seed, and grain was promoted.

"All of this diversified experience brings Mr. Trosper to his present position with an acquaintanceship throughout the country almost unprecedented."

## MARRIAGES

### GIGOT—WELSH

Mr. Willard Welsh, '21, and Miss Mary Gigot were married last week in Hutchinson. They will be at home after October 20 at 109 Tenth avenue west. Mr. Welsh is employed in the editorial department of the Hutchinson News.

## SIXTY-FOUR '22 H. E. GRADS ACCOUNTED FOR

Six Are Married, 44 Are Teaching—Others Are Students, Dietitians, Missionaries, Social Workers

In the 1922 class of the Kansas State Agricultural college, 64 were graduated from home economics. Of that number 44 are teaching in their profession, and several are heads of departments. Six members of the class have married. Other occupations of the '22 class include cafeteria directors, missionary workers, social workers, girls' club workers, and dietitians. Some are taking advanced work in home economics. Four graduate students received master's degrees last spring. Three of these students work in colleges, two are heads of departments. The fourth advanced student is doing social service work.

Those who took master's degrees are: Elizabeth Kirkpatrick, head of home economics in Agricultural college, Fairbanks, Alaska; Elizabeth J. McKitterick, head of home economics, University of Wyoming, Laramie; Ruth K. Trail, instructor in the division of home economics, K. S. A. C.; and Mildred Kaucher, social service work in Kansas City, Mo.

These members of the '22 class are teaching—Kathryn Adams, Haskell institute, Lawrence; Vida Ayers, Wakeeney; Mildred Baer, Yuma, Ari.; Florence Banker; Frances Batdorf, Courtland; Anna Best, Atwood; Leslie Burger, Burden; Marian Brookover, Ellsworth; Georgiana Bush, Presbyterian mission school, Smith, Ky.; Adelaide Carver; Clara L. Cramsey, Plains; Georgia Belle Crihfield, married and teaching, Goffs; Ruth Cunningham, Vinland; Margaret Dubbs, home study service, K. S. A. C. extension division; Ruth Floyd, Conway Springs; Gertrude Flowers, Chilhowee, Mo.; Elsie Fulton, Havensville; Grace Gardener, Manhattan; Garnet Grover, Porto Rico; Bertha Gwin, Winona; Edith Grundmair, Glasco; Mildred Halstead, head of home economics department, Marymount college, Salina; Grace Herr, Ragan, Nebr.; May Agnes Hunter, Rock Creek; Jane Jenkins, McDonald; Carol Knostman, head of home economics department, Newton; Vera Lee, Cullison; Eva Leland, Maize; Hazel Lyness, Winchester; Katherine McQuillen, Mound City; Duella Mall, Keats; Louise Manglesdorf, Zook; Jean Moore, Nowata, Okla.; Virginia Messenger, Wakefield; Bernice Miller, Manhattan; Marguerite Miller, Tonganoxie; Hazel Olson, Topeka; Gail Roderick, McLouth; Clara Mary Smith, Beverly; Florence Stauffer, Smith Center; Eva Travis, Hunter; Myrl Thornburg, Riley; Ethel Van Gilder, head of the home economics department, Ellsworth college, Iowa Falls, Iowa; Lois Willson, Valentine; and Mable Worster, Iola.

These members of the class are married—Georgia Belle Crihfield (Mrs. Charles Hadley) Goffs; Helen Lucile Cooper (Mrs. A. B. Collum), Perry; Ruth Harrison (Mrs. E. B. Breithaupt), Topeka; Clara Belle Howard (Mrs. A. L. Bridenstine) Manhattan; Hortense Caton (Mrs. George Jennings), Overbrook; and Eva M. Platt (Mrs. J. O. Brown), Burlington.

Jessie Ade and Mable Amanda Howard are taking advanced work at K. S. A. C. Hazel Graves is visiting housekeeper at Detroit, Mich. Clara Evans is doing social service work in Pennsylvania. Luella Sherman is doing girls' club work. Esther Russell is a missionary in Mexico City, Mexico. Lola Thompson is home demonstration agent at St. Joseph, Mo. Florence Justin is attending the Chicago university. Sybil Watts is dietitian in Bell Memorial hospital, Rosedale. Marguerite Bonduant is director of the Innes Tea room at Wichita. Marian Chandler is assistant cafeteria director at Tulsa, Okla.



## PIKERS PUT UP SCRAP

**BUT AGGIES LEAD WASHINGTON ALL WAY, WINNING 22-14**

**Stark Individual Star of Wildcats in First Conference Game of 1922 Football Season—Opponents' Counters Gained on Forward Pass**

The Wildcats journeyed to St. Louis on Saturday last, October 14, and snatched their first conference game of the season from the Washington university Pikers. The score was 22 to 14, the Aggies getting three touchdowns, two goals following touchdowns, and a safety, and the Pikers taking two touchdowns with goals following.

It was a hard, drilling game with a considerable number of minor injuries. From the first whistle to the last down three hours were used up, much time being taken out—particularly by Washington—for injuries. But the crowd was enthusiastic and evidenced some very fine sportsmanship. They liked the work of the Aggie Wildcats and said so. When Stark was withdrawn from the game because of a minor injury they gave him a "hand."

### STARK PARTICULAR STAR

Stark, Aggie half, was the particular star of the game. Four, six, and eight yard gains through the line or skirting the ends were easy for him. To give the crowd a special thrill in return for the admission fee he staged one especially interesting 55 yard twist, during which he dodged or stiff armed the entire opposition.

Captain Hahn's work in the line and his speed in getting down under punts were also exceptionally pleasing. Brandley at half did good defensive work and Axline, who replaced Stark, made gains that caused the crowd to wonder why Bachman does not increase the number in his first team.

### PIKERS MAKE DEFENSE

Thumser and Claypool at half and Greene, fullback, did the best work for Washington. The Piker ends also played good football. Washington had planned a neat defense against the Wildcat assault and the going was quite different from what it had been with Washburn the week before. Their two touchdowns came as a result of long passes, the kind rabid opponents are want to call flukes, but they were neatly executed and they count for yards and points. With the exception of these two passes the Aggie goal was never threatened.

### FANS ARE SATISFIED

The Aggies were minus the services of "Ding" Burton, halfback, who is nursing a badly sprained tendon from the Washburn game. The high quality of Bachman's second stringers, however, solved the problem, as it promises to solve any others that may arise. Aggie fans are pleased with the outcome of the game, even though they were counting on a heavier majority. They are particularly glad that the Wildcats have encountered a really live, scrappy foe, and come away victorious.

Here are the figures:

Washington	Position	Aggies
Schnaus	Left end	Munn
Gragg	Left tackle	Nicholson
Gould	Left guard	Capt. Hahn
Cantwell	Center	Hutton
Volland	Right guard	Schindler
Capt. Denny	Right Tackle	Staib
Hutton	Right end	Sebring
Lyle	Quarter	Swartz
Thumser	Left halfback	Stark
Claypool	Right halfback	Brandley
Greene	Fullback	Sears

Substitutions: Washington—Fries for Cantwell, Kurrus for Gould, Dugale for Hutton, Tancil for Thumser, Weber for Claypool, Hutton for Kurrus, Cantwell for Fries. Kansas Aggies—Doolan for Sebring, Steiner for Hahn, Laswell for Schindler, Clements for Sears, Perham for Hutton, Ewing for Nicholson.

Officials: Fred Young, Illinois Wesleyan, referee; John Griffith, Albion college, umpire; W. Lampke, Northwestern, head linesman.

Points scored: Washington—Touchdowns, Thumser and Greene; goal from touchdown, Schnaus (2). Kansas Aggies—Touchdowns, Stark, Sears and

Sebring; goal from touchdown, Sebring (2). Safety: Washington, Thumser.

### FROM THE PILOT'S LOOKOUT

(By Burr Swartz, Aggie Quarterback, Journalism '24)

A crowd of about 6,000 witnessed the game, and not many present were giving the "Jay Rah."

Aggies put the first touchdown over in five minutes and had the Pikers off their feet until they completed a lucky freak pass which gave them confidence. From then on they were out for blood.

The Pikers put up a strong game and the Aggies were just a little off form. This answers the question of the enthusiastic fan who wants to know what was the matter.

It is humorous to be in a game and hear the players quarrel. The tackle opposing Tom Sebring, called him a big "farmer." Tom replied hastily, "I'll slap you on the wrist in a minute," and just then Tom snagged a pass out of the air for a nice gain.

This same tackle got real mean and nasty to Staib, our midget tackle, and said he was going to see him after the game. He did manage to see him just after the final whistle, but not to fight. No, he told Staib he played a fine game and also invited the Aggie tackle out to dinner.

It's a funny thing, that line of scrimmage. It is just like a board fence between two sets of players. The fighting is done with their mouths, generally.

Stark's 55 yard run was the feature of the game. There was just one man between him and the goal post. The Wild Pussies managed to put the pigskin on over for a counter.

Stark was forced out of the game on account of an injury, but Axline played a whale of a game when he was in there. One of his kicks measured 60 yards. Some kick.

The Aggies were butter fingered when it came to catching forward passes. Several passes landed in their arms only to bounce out.

After the game several of the Washington players walked off the field with tears in their eyes. One of the Aggies remarked to them, "You have no reason to feel bad, just wait till we get home Monday and see what we get from Bachman."

Another Aggie gave them a word of encouragement by telling them that they got beat by a real football team.

Just as the boys were leaving St. Louis, a couple of them were so unfortunate as to have several members of the fair sex accompany them to the station. They were saying goodbye when up sprang a voice, which sounded just like that of Mike Ahearn's, "Don't get offside, boys."

### TO SEE SOONERS AT HOME

**Aggies Will Meet Oklahoma University at Norman Saturday**

Between now and Thanksgiving the Aggies will meet five strong Missouri Valley conference teams on successive Saturdays, beginning this week end when Bachman's charges go against Bennie Owen's Oklahoma Sooners at Norman. Following Oklahoma the Aggies will meet K. U. at Manhattan October 28, Missouri at Columbia November 4, Ames at Manhattan Armistice day, and Nebraska at Lincoln November 18. The Wildcats will wind up their season at Manhattan, playing Texas Christian university Thanksgiving day.

The outcome of the Washington-Aggie game at St. Louis last Saturday, resulting in a 22-14 victory for K. S. A. C., was a surprise to local followers of the game. They expected the Kansas team to win by at least three touchdowns. But the contest

was played without the services of Burton, who is out of the game with an injured side, leaving the backfield with less offensive power than it had in the Washburn contest the week previously, when the Ichabods were turned back 47-0.

Bachman has switched Axline, who substituted for Stark in the Piker contest, to right half, which is Burton's flank. Brandley, as well as Burton, is on the hospital list. Axline played a good game at St. Louis. Indications are that there will be no further changes in the line up at Norman. The Aggie team suffered no injuries to speak of in the game last week.

The history of Sooner-Aggie football relations can be taken in at a glance in the following scores of games between the two teams:

	K. S. A. C.	Okl.
1908	4	34
1914	10	52
1915	7	21
1916	14	13
1919	3	14
1920	7	7
1921	14	7

The back field which will go against the Sooners is made up of one and two-letter men, all trained in the Bachman system of football. Four of the seven linemen wear the "K." Thumb-nail sketches of the Aggie players who are in line to win a K. S. A. C. football letter this year follow.

#### In the back field—

H. Burton, Wichita, right halfback, weight 150 pounds, three-letter man. A. R. Stark, Goodland, Kansas, halfback, weight 165 pounds, one letter man.

A. A. Axline, Wichita, halfback, weight 153 pounds, two letter man. C. A. Brandley, Manhattan, Kan., halfback, weight 154 pounds.

Burr Swartz, Hiawatha, Kan., quarterback, weight 140 pounds.

John Brown, Blue Rapids, Kan., quarterback, weight 155 pounds.

R. M. Sears, Eureka, Kan., fullback, weight 170 pounds, two-letter man.

V. C. Clements, Havensville, Kan., fullback, weight 178 pounds.

H. E. Portneir, Phillipsburg, Kan., weight 178 pounds.

#### In the line—

Ray Hahn, captain and left guard, Clay Center, Kansas, weight 184 pounds, three-letter man.

R. M. Nichols, left tackle, Osage City, Kan., weight 180 pounds, one-letter man.

Ira Schindler, right guard, Valley Falls, Kan., weight 193 pounds, one-letter man.

Tom Sebring, Gardner, Kan., right end, weight 171 pounds, two-letter man.

Lyle Munn, Norton, Kan., left end, weight 160 pounds.

B. C. Harter, El Dorado, Kan., weight 170 pounds.

R. J. Staib, Turon, Kan., right tackle, weight 188 pounds.

John Steiner, Whitewater, Kan., guard, weight 178 pounds, one letter man.

J. E. Franz, Manhattan, Kan., guard, weight 195 pounds.

H. G. Webber, Dodge City, Kan., end, weight 165 pounds.

Arthur Doolan, Manhattan, Kan., right end, weight 168 pounds.

R. A. Laswell, Manhattan, Kan., guard, weight 206 pounds.

Ronald Hutton, Manhattan, Kan., center, weight 180 pounds.

Woody Perham, Iola, Kan., center, weight 195 pounds.

## COLLEGE LENDS AID IN KANSAS LANDSCAPING

**Helps in 201 Gardening Enterprises in State During Last Two Years, Farrell Reports**

If the people of Kansas continue to develop interest in landscape gardening as they have in the past two years, the time is coming when William Allen White's criticism that Kansans do not sufficiently appreciate beauty in their landscapes, will be much less well founded than it now is. A report recently made by Dean F. D. Farrell of Kansas State Agricultural college, states that during the biennium ending June 30, 1922 no fewer than 201 landscape gardening enterprises were carried on in the state under the advisory direction of the college. These enterprises are located in 32 counties, from Thomas in the northwest to Crawford in the southeast.

Of the 201 enterprises, 36 were public parks, and the remainder were

private projects. They ranged in size from the beautification of home surroundings both in town and in the country to large public landscape projects like the improvement of the state house grounds in Topeka. This work of the college is under the supervision of Albert Dickens, professor of horticulture, and W. S. Wiedorn, assistant professor of landscape gardening. These specialists supply information and make suggestions regarding plant materials suitable for each locality and setting, planting plans, cultural operations, and other matters which require attention in landscape beautification.

## THUNDERING THOUSAND OF AGGIES IS FORMED

**Freshmen and Sophomores of R. O. T. C., Numbering 1,060, Plan Cheering Corps**

One thousand and sixty first and second year men at K. S. A. C. signified their willingness last Monday morning to form an Aggie thundering thousand for the cheering at the Kansas Aggie football games. The men will appear at the games in the O. D. uniform and will sit together in a section in order to obtain the best results.

Major F. B. Terrell, commandant, told the assembled students of the need of cooperation in cheering at the football games. The men expressed themselves as being willing to forego dates for the afternoons of games.

The Aggie thundering thousand will first appear at the Homecoming game next week. Because of the large crowd expected for the contest and the lack of sufficient accommodations in the stadium, this group of pepsters will congregate in the bleachers. But for the two remaining games of the season, they will occupy the middle section in the new stadium. Freshmen will not be required to wear the purple caps to the game but they must have them along, for at some time during the afternoon, they will don the headpieces and form a purple "K" in their section.

The men dressed in O. D. will probably have something planned for the crowd during the period between halves.

### TALBERT QUILTS KANSAS

(Concluded from page one)

joring in horticultural entomology in 1917.

During the war he was executive secretary to the Missouri state food administrator. At the close of the food administration he was appointed extension horticulturist with the title of extension professor of horticulture, Missouri State university. In the spring of 1919 he obtained leave of absence to pursue postgraduate work in the University of California. He accepted a position in the University of California as assistant professor of pomology. He became superintendent of institutes and extension schools in Kansas State Agricultural college, December 1, 1919.

It is cheaper to market corn in Kansas. The average rate paid by the New Englander for its transportation is 39 cents per ton mile. For the same service the Kansan pays only 33 cents. But Kansas markets her corn on the hoof which is the most economical way.

Kansas is a leading state in the production of all sorghum crops, including broom corn, but excels in both acreage and yield of such grain sorghums as kafir, milo, and feterita. Kansas is the third state in the union in their production.

Kansas cattle supply one half of the total number received at the Kansas City stockyards, the second largest livestock market in the world.

## ENGINEERING DIVISION IS GROWING RAPIDLY

**Enrolment in 1921-22 247 Greater Than in 1920-21—753 in Collegiate Work Last year**

The biennial report of the engineering division of the Kansas State Agricultural college shows a marked growth in the number of students enrolled in four year engineering courses. In the college year 1918-19, the engineering enrollment in collegiate courses was 506. The number of students enrolled in similar courses in 1921-22 was 753, showing an increase of 247 students.

When it is considered that the freshman enrolment in the school year 1918-19 was abnormally high because of the influx of S. A. T. C. students, the increase in the enrolment is noteworthy. Eliminating the freshman classes in these two years for comparison, the enrolment of senior and junior engineering students was more than twice as great at the end of the biennium period. The ratio for sophomore students is equally large.

## FARMERS IN 76 COUNTIES COOPERATE WITH STATION

**Experiments in Which They Aid in Biennium Number 814**

Farmers in 76 Kansas counties have given active assistance to the agricultural experiment station in the conduct of experiments with soils and crops during the past two years, according to the biennial report of Dean F. D. Farrell, director of the experiment station. These cooperative experiments numbered 814 and included tests of varieties of wheat, oats, barley, corn, and sorghums, and of various cultural methods, commercial fertilizers, lime, and crop rotation. The tests were made on practical farms under the direct supervision of H. H. Laude and N. E. Dale of the department of agronomy of the experiment station.

Allen county had the largest number of cooperative experiments, a total of 31 during the two-year period. Other counties having more than 20 of the experiments were Cherokee with 25, Crawford with 27, Dickinson with 26, Leavenworth with 22, Reno with 29, and Sedgwick and Sumner with 25 each. The principal object of these experiments is to try out on practical farms in various parts of the state certain farm practices which the results secured in the work at the main experiment station at Manhattan and at the branch stations at Hays, Garden City, Colby, and Tribune indicate are likely to be of value.

## K. S. A. C. VETERINARIANS TO GIVE CONVENTION ADDRESSES

**Dykstra to Nebraska and Minnesota—Muldoon to California**

Dean R. R. Dykstra of the veterinary division of K. S. A. C. has been asked to present a paper and demonstrate a surgical operation before the Nebraska Veterinary association at the annual meeting which will be held December 11 and 12 at Lincoln, Nebr. Dean Dykstra's address is entitled "The Differential Diagnosis of Diseases of Cattle" and the surgical operation which he will perform is nerve blocking in dental anaesthesia. The head of the Kansas Aggie veterinary division has been invited to appear in the same capacity before the Minnesota Veterinary association. This meeting will be held in St. Paul, Minn.

Dr. W. F. Muldoon, a member of the instructional staff of the division, will discuss the diseases of small animals at a meeting of the California Veterinary association in the early part of January.

If the sink is near the dining room wall, it will make the removal of dirty dishes from the dining room table less like a parade.



# THE KANSAS INDUSTRIALIST

Volume 49

Kansas State Agricultural College, Manhattan, Wednesday, October 25, 1922

Number 6

## SOONERS 7, AGGIES 7

K. S. A. C. SCORES IN FIRST 10 MINUTES, O. U. IN LAST TWO

**Hard Fought Battle Uses Up Aggie Reserves in Last Period—Bachman's Men Outweighed by Oklahoma Team 15 Pounds to Man**

The Aggie Wildcats strayed down to Norman, Okla., on Saturday, October 21, and tied the Sooners 7 to 7 in one of the fiercest combats ever staged in the Missouri Valley conference. Notwithstanding the fact that they were outweighed 15 pounds to the man, Bachman's scrappers swept Bennie Owen's hopefuls off their feet for a touchdown in the first 10 minutes of play and then doggedly fought off a tying score until within two minutes of time for the final whistle.

Oklahoma was out for revenge for their defeat of last year and for the 7 to 7 tie of the year before. Their bear stories had carefully camouflaged a two-hundred-pound line and a big backfield with a terrific drive. Rated before last Saturday as one of this year's weak sisters of the Valley, they now loom as one of Nebraska's most formidable opponents.

### TEARS HOLES IN DEFENSE

That the Aggies went to Norman to win was evident from the first kickoff. A zigzag, slashing attack off tackle and around end mixed with a puzzle of short and long passes drove the ball from the Aggie 20 yard line over the Sooners' goal in thirteen plays. Stark, Axline and Swartz did the snapping and lugging and the famous Bachman line tore big holes in the 200 pound defense for them. The work of the three backfield stars during the attack will go down in history as one of the fiercest rushes ever staged by an Aggie team. Stark carried the ball over in an 11 yard smash through a hole big enough for a wagon, exactly 10 minutes after the battle began.

The Wildcats threatened to score again in the first period, but failed to find the finishing punch. In the second half the beef of the Oklahoma team began to count and the light Aggie backfield began to wear down and drop out because of injuries. Axline, who had played a whale of a game, went out with an injury to muscles in his side and Stark, a looming candidate for almost anybody's all-Valley team, also had to be withdrawn.

### NO OFFENSE LEFT

Then it was that the Aggie line demonstrated how a football game can be played without a great deal of aid from the backfield. Brandley was badly hurt soon after he substituted for Axline, and Brown, substituting for Stark, was soon worn down by the fierce charging of the Sooners. So the line took up the Wildcats' burden. They twice held Oklahoma on the Aggie 4 yard line and it was only after a third advance that Hammert of Oklahoma was able to shoot around end for a touchdown.

Coach Bachman and his charges now feel that they are all ready for Nebraska, for they feel positive that nobody grows football players any bigger than they do at Oklahoma. Here are the details of the struggle at Norman:

Aggies	Oklahoma
Sebring.....	R. E. Marsh
Staib.....	R. T. Bowles
Schindler.....	R. G. Edmonson (c)
Hutton.....	C. Shawver
Hahn (c).....	L. G. Thompson
Nichols.....	L. T. White
Webber.....	L. E. Mathes
Swartz.....	Q. Johnson
Axline.....	R. H. Hammert
Stark.....	L. H. Bristow
Sears.....	F. Morrison

Substitutions: Oklahoma—Penick for Bowles, Boatwright for Marsh, Sternberger for Boatright, Vogel, for Johnson, Johnson for Vogel,

Graham for Hammert, Marsh for Sternberger, Bowles for Penick, Hammert for Graham, Jackson for Bristow, Strouville for Johnson, Bristow for Jackson, Vogel for Strouville. Aggies: Munn for Webber, Laswell for Schindler, Webber for Munn, Brandley for Axline, Brown for Stark, Clements for Sears. First downs Aggies 13, Oklahoma 12; yards from scrimmage, Aggies 160, Oklahoma 128; yards lost by penalties, Aggies 67 yards, Oklahoma 15 yards.

First downs—Oklahoma, 12; Aggies, 13. Yards gained from scrimmage—Oklahoma, 128; Kansas Aggies, 170. Yards lost in scrimmage—Oklahoma, 22; Kansas Aggies, 14. Forward passes—Oklahoma attempted 25, completed 11 for a total of 139 yards, one was intercepted and not returned; Kansas Aggies attempted 20, completed 7 for a total of 90 yards, one was intercepted and returned 17 yards. Punts—Morrison punted 13 times for an average of 36 yards for Oklahoma; Axline punted twice for an average of 20 yards; Stark punted once for 40 yards; Brown punted six times for an average of 36 yards. Punts returned—Oklahoma, 43 yards; Kansas Aggies 8 yards. Fumbles—Oklahoma 3 and recovered 4; Kansas Aggies, 4 and recovered 3. Penalties—Oklahoma three times for 15 yards; Kansas Aggies, 12 times for 67 yards. Time out—Oklahoma, 4; Kansas Aggies, 21. Average per down—Oklahoma had 79 downs and averaged 3 1-10 yards per down; the Kansas Aggies had 87 downs and averaged 2 89-100 yards per down.

Officials—Ed. Cochran, Kalamazoo, referee; H. W. Hargiss, Emporia Normal, umpire; Dr. H. H. Cloudman, Bowdoin, head linesman.

### CRIPPLED FOR K. U.

**Aggies Get Rather Badly Damaged in Oklahoma Battle**

Head Coach Bachman's two dozen Aggie players limped into camp from their invasion of Oklahoma carrying sundry portions of the anatomy in slings. The hospital list included Axline, Stark, and Brandley, in the backfield, and Schindler in the line. Both Axline and Schindler were carried off the field at Norman. The others were not quite so seriously injured—but enough that the Aggie coaches are worried.

They meet the Jayhawkers here at Manhattan next Saturday. What effect the injuries, resulting from the hardest fought game the Wildcats have been through in many a day, will have on the week end engagement with the university gives considerable room for speculation.

Ding Burton, star halfback, has been out of the game since the Washburn contest. Whether his injuries will permit him to go into the K. U. game cannot be determined until the last of the week. He is again appearing in uniform after a two weeks' rest.

Scrimmage against the freshmen, who are using K. U. formations, is the program which Coach Bachman has outlined for the week. There isn't much to go on, the Drake game being the only one which afforded scouts a basis for sizing up the Jayhawker style of attack. The Army game was played too early to afford much indication.

Neither has the dopest much to go on by way of comparison. The Aggies beat Washburn badly, but in the game here the Ichabods used their freshmen. Their first year men did not play at Lawrence, but there the K. U. second string men opened the attack against the visitors. The defeat of Washburn was not much worse here than it was at Lawrence. A comparison of scores means little, if anything.

Drake beat Washington quite decisively at St. Louis last Saturday—much more decisively than the Aggies beat the Pikers the week previous. The fan may get some satisfaction in recalling that Drake beat K. U. 6 to 0 the same day the Aggies

(Concluded on page four)

## CREAMERY MEN MEET

**SHORT COURSE FOR FIELD SUPERINTENDENTS IN SESSION HERE**

**Sixty Enrol First Day, 20 or 30 More Expected—Addresses by Leading Men in Industry Compose Program—Closes Thursday**

Approximately 60 Kansas creamery managers arrived in Manhattan Tuesday to attend the fourth annual field superintendents' short course given under the direction of the K. S. A. C. dairy department. From 20 to 30 more are expected in today and tomorrow.

The program of the course is scheduled to be held for three days, October 24, 25, and 26. It will consist principally of addresses and discussions of creamery problems and improvements.

### EXPERTS ARE HERE

Several prominent speakers have been secured. Among them are George L. McKay, secretary of the American Association of Creamery Butter manufacturers; F. W. Bouska, of the Beatrice Creamery company; and Prof. A. W. Rudnick, extension professor of dairy manufacturing at Iowa State college.

Yesterday's meetings consisted principally of registering and getting acquainted. A get together supper was given last night at the college barracks. Addresses were given by Dean F. D. Farrell, J. E. Fitch, N. E. Olson, and H. W. Cave, of the college faculty, H. M. Jones, state dairy commissioner and by O. J. Gould, a creamery manager.

### PROGRAM IN DETAIL

The program for today and tomorrow follows:

Wednesday forenoon—8:30—Teaching the operator to grade cream, George Hildreth, Harding Cream Company.

9:30—What can the field man do to improve Kansas cream?, I. W. Waffle, Meriden Creamery company.

10:30—Who runs the station—the superintendent or the cream buyer? B. R. Draper, Wichita Creamery company.

Wednesday afternoon—1:00—Address, Secretary George L. McKay, American Association of Creamery Manufacturers.

2:00—Cream station shortage, Al Hermen, Swift and company.

3:00—Why cream tests vary, N. E. Olson.

4:00—Cream grading, F. W. Bouska, Beatrice Creamery company.

Thursday forenoon—8:30—Our program for 1923, President L. E. Best.

9:30—Cream improvement thruout the United States, A. W. Rudnick, Ames, Iowa.

10:30—Discussion.

11:00—Address, George L. McKay.

Thursday afternoon—1:30—What the college will do to improve Kansas cream in 1923, J. B. Fitch.

2:30—Address, F. W. Bouska.

3:30—Business meeting, Kansas Creamery Improvement association.

4:00—Tour of college experiment station.

6:15—Banquet, Community house.

### FIFTH DISTRICT BANKERS GUESTS OF COLLEGE TODAY

**Lunch at Barracks and Visit Points of Interest**

The bankers of the fifth district holding the annual meeting here Wednesday, were the guests of the college from 12:45 to 3 o'clock. Luncheon was served at the barracks. Details of the luncheon were planned by Miss Effie Carp. After luncheon they were divided into groups, the men under Dean F. D. Farrell and the women under Dean Mary Pierce

### THE SCHEDULE

October 7—Washburn 0, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22.  
October 21—Oklahoma 7, K. S. A. C. 7.  
October 28—Kansas at Manhattan (Homecoming)  
November 4—Missouri at Columbia.  
November 11—Ames at Manhattan.  
November 18—Nebraska at Lincoln.  
November 30—Texas Christian university at Manhattan.

Van Zile. The men visited the farm, division of agriculture, and division of engineering. The women visited the department of music, the department of home economics and the physical education department.

Plans are being made by the military science department and the women's physical education department to give an exhibition on the green. Music will be furnished by the band.

### WALLACE'S SUBJECT AT K. S. A. C. ANNOUNCED

**Secretary Will Speak on War Finance Corporation and Reserve Board Thursday**

The subject upon which Henry C. Wallace, secretary of agriculture, will speak in student assembly at K. S. A. C. Thursday is "The Farmer, the War Finance Corporation, and the Federal Reserve Board."

Mr. Wallace is publisher of Wallace's Farmer, and until his appointment in the Harding cabinet he was actively engaged as editor of the magazine. He is described by the Washington correspondent of the Kansas City Star as one of the few workers at the national capital who enjoy a full farmer's work day.

"Wallace always figures things out in terms of the farmer," the Star's correspondent added. "And so he gives his story of where the farmer is getting off. He did it in Ohio and he is talking his own ideas of the farm situation everywhere. He believes that is what the farmers want to hear him talk. At any rate it is what he is interested in."

### AGGIE EDUCATORS SPEAK AT STATE TEACHERS' MEETING

**Gatherings Held at Topeka, Hutchinson, Hays, and Pittsburg**

The annual convention of the State Teachers' association was held October 19, 20, and 21 at Topeka, Pittsburg, Hutchinson, and Fort Hays. Several members of the college faculty spoke at the meetings.

At Topeka, Dr. J. C. Peterson spoke on "Psychology as Related to Vocational Guidance," President W. M. Jardine spoke on agriculture, Prof. H. W. Davis, on English, Prof. I. V. Iles, history, Miss Nina B. Crigler, home economics in the grades, P. P. Brainard, on "Psychology in Relation to Vocational Guidance," and H. W. Aiman on shop practice. Dean E. L. Holton gave two addresses.

Prof. Araminta Holman, head of the department of applied art, spoke at the Hutchinson convention.

At Fort Hays, Dean Holton talked on the rural school, and Prof. Martha Pittman talked on hot lunches in rural schools.

Dr. Mary Harman, Miss Margaret Edwards, and Prof. C. V. Williams were speakers at the convention.

Movie romances all seem to read: "And so they were divorced and lived happily ever after."—Imprint.

## TESTS SAVE THOUSANDS

**K. S. A. C. ENGINEERS RENDER VALUABLE SERVICE**

**Laboratories Determine Quality of Road Materials, Grease and Oils, and Paint—Standardization of Products Results in Economy**

The engineering experiment station of the Kansas State Agricultural college has been engaged in recent years in research, the results of which are of commercial importance to the citizens of Kansas. The testing of highway materials, lubricating oils, and paints, for the state, has made possible the purchase of a first class material for less cost. All of this work has been done without expense to the state, but, had commercial engineering laboratories been instructed to perform these tests, the expense incurred would have been thousands of dollars.

The most important work of the engineering experiment station during the last four years was probably the testing of road materials for the various counties of Kansas. The road materials testing laboratory in its capacity as the official laboratory of the Kansas highway commission has tested all material going into state and federal aid road projects in this state.

### TESTS 10,054 SAMPLES

A total of 10,054 samples have been tested during the biennium, covering all materials used in the construction of 287 miles of surfaced roads, and bridges, costing \$10,403,-\$10. A conservative estimate of the saving through lessened transportation costs, decreased maintenance and prolonged life made possible by this testing work is \$725,000. Branch laboratories have been established and assistant testing engineers have been placed at 16 cement and brick plants furnishing material for highway construction within the state. Representatives of the laboratories made 84 inspection trips, visiting 46 counties and the four states adjoining Kansas.

### ALL OILS TESTED HERE

The mechanical engineering laboratory of the engineering experiment station has during the last year thoroughly revised the specifications for lubricating oils for use in the state institutions of Kansas after numerous conferences with commercial oil men and many tests of oils. All lubricating oils and greases used by the state are now purchased under these specifications and samples from all shipments of oils must be tested and approved by this laboratory before they are released for use.

A total of 193 samples of oil and grease were tested last year representing 13,000 gallons of lubricating oil and 1,200 pounds of grease. It was necessary to reject 41 of these samples as unsuitable for use.

### SAMPLES OF PAINT ALSO

The chemical laboratory of the engineering station last year prepared specifications for white lead, zinc oxide, raw and boiled linseed oil, and turpentine, which specifications were adopted by the state as the basis for all contracts for these painting materials. Samples of all these materials must be tested and approved by the laboratory before the materials are released for use. During the last year 143 samples have been tested, of which 14 samples of zinc oxide were rejected on account of adulteration.

It is a woman, and only a woman—a woman all by herself, if she likes, and without any man to help her—who can turn a house into a home.—Frances Power Cobbe.



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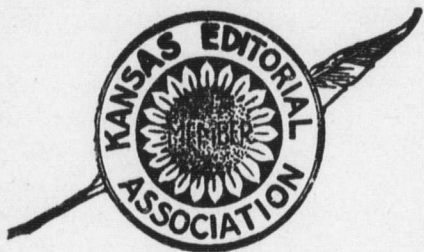
W. M. JARDINE, PRESIDENT.... Editor-in-Chief  
N. A. CRAWFORD..... Managing Editor  
J. D. WALTERS..... Local Editor  
OLEY WEAVER, '11..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. W. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, OCTOBER 25, 1922

### THE WASTE MARKET

Advertising used to be done haphazard. Nobody had any real knowledge of it. Advertising has got standardized largely as a result of the efforts and investigations of advertising agencies.

One of the main points discovered is the problem of waste circulation. The waste circulation of a publication is that part of the circulation which goes to persons who cannot be interested in the particular product under consideration. Formerly the advertiser knew nothing about this problem—he placed his advertising hit-or-miss. Now he tries to place his copy in papers that have a minimum of waste circulation so far as his product is concerned.

Until recently, the farmer failed to consider the fact that he has a similar problem. It is not the problem of waste circulation, but it is the problem on which waste circulation depends. There is waste circulation because there is a waste market—a market which on account of locality, season, lack of purchasing power, or other reasons, will not absorb the product of the manufacturer.

Waste market concerns the farmer as much as it concerns the manufacturer. Low prices on farm products have been due to a considerable extent to the fact that the farmer dumped his products upon the market without considering possible wastage due to locality, excessive supply of the product, or other factors.

The advertising agency helped solve the problem of the advertiser because it had a big enough organization. The individual advertiser could not have solved his problems alone, but a number of advertisers, patronizing an agency, got results.

The individual farmer cannot solve his problem alone. The problem can be solved only by organization, preferably cooperative, for marketing purposes. By this means the waste market can be to a large extent eliminated.

### CORN TASSELS

H. W. H.

Many a farmer thinks he is singing the baby to sleep, observes the Topeka Capital, when in reality he is only singing it unconscious.

In the days when horseflesh was in flower, one of the hardest things in town was to get horses accustomed to Job Hofer's laugh. Every time he took the main hatch and helped himself to a real mastodontic gurgle of glee, there were two or three runaways down Main street. The horses largely have passed out but Job's

laugh has the same devastating effect. Today he became amused at something while in Lem Lump's Ford, and two panes of window glass fell out.—Rolla Clymer.

A Lyons school teacher took her botany class out to gather autumn leaves recently and got so badly mixed up with some poison ivy that she was unable to open her school Monday morning. If there was anything funny about ivy poisoning, it probably would be considered a great joke on any botany teacher who falls a victim to the vicious vine.

An Atchison man, the Globe is sure, is so worthless that if he were a hen he would lay cold storage eggs.

An Ohio man thought his wife who was going through his pockets was a robber and shot her. Clip this paragraph and put it in your pocket, adds the Kansas Farmer and Mail and Breeze.

A north side man who spends most of his daylight hours at home answering questions asked by his bright little 4 year old daughter, was stumped for the first time the other evening. He had explained to her satisfaction where the light went when the electricity was turned out, where the thunder comes from, why the lions didn't eat Daniel and how the angels got to heaven after they had been put into the ground. But he gave up when she fired at him, "Daddy, why doesn't Maggie like Dinty Moore?"—Emporia Gazette.

Kansas has more purebred cattle of all breeds than 29 other states, while the total value of livestock on Kansas farms is greater than that in 43 other states.

### A QUARTER CENTURY AGO

Items from The Industrialist, October 26, 1897

B. W. Conrad, '95, is a candidate for surveyor in Nemaha county.

The College Farmers' club meets in Mechanics' hall every Friday evening.

Thomas E. Lyon, '93, has entered upon a course of study in Michigan university.

J. E. Payne, M. S., '96, of Cheyenne Wells, Col., attended the tuberculosis tests last week.

Peter Bergman has been given a contract to point the stonework of the domestic science building.

Miss Ivy Harner has gone to the State Industrial school at Ruston, La. THE INDUSTRIALIST last week placed her in Iowa.

There will be a regular examination for teachers' certificates, at Riley, Saturday, October 30, 1897, commencing at 7:30 a. m.

The cattle recently slaughtered at the college for tuberculosis were, previous to the first test, valued at \$2,200. They were given in on the last inventory at \$1,370.

Ed. H. Webster, '96, was a caller on Tuesday last. He is on his way to take charge of the mechanical department of Brightside school for boys at Denver, Col., of which he has lately been elected superintendent.

Joe Thoburn, '93, is superintendent of the horticultural department of Brightside school for boys at Denver, Col. Though not a part of the city school system, Brightside is maintained by the city of Denver and is certainly a long move in the right direction.

Senator E. T. Shaffer, of Fulton, Bourbon county, was a visitor at the college today. He was piloted through the buildings and grounds by his son Francis T., who is a student here. The senator was greatly interested in all he saw and expressed himself much pleased with our methods of instruction.

Miss Ruth Stokes and Prof. Fred C. Sears were married at the bride's home in Lawrence, on Tuesday, October 19. Mr. and Mrs. Sears will be at home after November 1 at Wolf-

ville, N. S., where Mr. Sears, who at one time was assistant in horticulture at this college, has been elected professor of horticulture.

The kindergarten opened at the German church last Monday morning. The attention of all mothers who have children from 3 to 7 years of age is called to this work and they are cordially invited to visit with the children, the session being from 9 to 11:45 a. m. Inquiries may be addressed to Mrs. Professor Nichols.

A lady who attends Mrs. Campbell's Wednesday morning lectures says that every woman in Manhattan should hear these lectures. They are replete with advanced ideas on hygiene, deep breathing and sanitation, which should be understood by all, and she thinks the young ladies who have the advantage of these lectures are very fortunate indeed.—Mercury.

Tuesday evening the department of household economics gave a dinner in honor of the board of regents, with the scientists who conducted the tuberculosis tests, the professors, and their wives as invited guests. About 50 were present. The dinner, which was given in the sewing room, consisted of five courses served by the girls of the cooking classes. After dinner speeches were made by Governor Leedy, Mr. Daughters, the oldest, and Mr. Munger, the newest, regent, Doctor Law of Cornell university, Mrs. Campbell, and Mr. Shinn, vice-president of the State Agricultural society.—Students' Herald.

The thirtieth annual meeting of the Kansas Academy of Science will be held at Baker university, Baldwin, Kansas, October 27 to 29. This college will be represented by the fol-

## THE REPORTER

Author Unknown

Youthful in spirit, if not in years. Calm and steady eyes, firm mouth, unassuming manner, a listener rather than a speaker. A man who sees and understands, who connects causes and effects, discerning the abstract intangibles in the midst of masses of concrete tangible. A man unspoiled by rough contacts and only contemptuously amused by the shams, fakes, and sordid writhings of the avaricious and cunningly ambitious. He keeps faith with strangers as with friends and does not seek to win vicariously. He is one who pretends no mission, but subtly serves the finest graces and truest causes. Possessed of convictions and courage is he. Instinctively, he tempers the wind for the shorn lamb. By the same instinct he snares the wolf. His writings are those of a good citizen, a man somewhat under the influence of American traditions, somewhat softened in his nature by loving women or children, somewhat controlled by historic professional idealisms, but mainly guided by the innate desire of the born publicist who acts upon the unchanging tenet that the truth shall make us free, accepting the liberal interpretation of that phrase.

The humor of life is not lost upon him. He has, as well, the power to catch its pathos and transmit it to the many. He is not a slave to mere conventions. He goes his free way, a gentleman, a student, a contented and often unsung benefactor of his kind.

The Manhattan Horticultural society will meet at the home of Professor Walters, Thursday, October 28, at 2:30 o'clock. The program is, "Nuts that Might Be Grown in Kansas," by George L. Clothier, and "Notes from the Garden," by T. C. Wells. All are invited.

Upon request by the faculty and board of regents, Dr. James Law, veterinarian, of Cornell university, kindly consented to deliver a lecture on tuberculosis to the students and others interested. The lecture was given on Wednesday evening in the college chapel. It was an admirable exposition of the subject, and was duly appreciated by a large audience.

Louis P. Brous, M. S. '96, teacher of sciences and drawing in the Kansas City, (Kas.) high school, writes that he has organized two volunteer classes in industrial art, and that the enthusiasm for the study is constantly growing. Referring to Professor Walters, whose assistant he was while pursuing post-graduate work here, he writes, "I believe that my most successful methods of presenting subjects to classes were learned and absorbed with him. I try to make science common sense."

The board of regents of this college met on Tuesday, October 19, at 4:30 p. m., and adjourned on Friday evening, October 22, to meet again on December 15. Among the more important items of business transacted are the establishment of a dairy school and the disposition of the present college herd. Miss Harriet Howell, a graduate of Pratt institute, was elected to the position of superintendent of sewing. A full summary of proceedings is necessarily deferred until next week.

lowing papers: "Observations on the Elm-twig Girdler," Percy J. Parrott; "Root Tubercles and Their Production by Inoculation," D. H. Otis; "Notes on Kansas Plants," A. S. Hitchcock; "Bibliography of Literature Relating to Wind Effects on Trees," J. B. S. Norton; "Decomposition of some Diazo Compounds with Methyl Alcohol," George F. Weida. By special request Mrs. Campbell is expected to address the academy on the subject of domestic economics and its place in the training of Kansas young women.

From an article in the Eureka Union we excerpt the following: "Miss Evangelina Cisneros, the young lady who was imprisoned by Butcher Weyler, in Cuba, and for whose release a great many prominent people both ladies and gentlemen in this country and Europe petitioned the Queen Regent of Spain, has been finally liberated, through the enterprise of the New York Journal. The Journal, seeing that petitions from the entire civilized world could have no effect upon the brutish Spanish government, organized a release party, and by drugging the guards succeeded in breaking open the jail and releasing the young lady. Before the Spaniards knew that she had been released, she was on the high seas sailing for New York. George M. Munger of Eureka, offers Miss Evangelina Cisneros, the escaped Cuban girl, a home on his ranch. Mr. Munger is a man of large means and a member of the board of regents of the State Agricultural college. He spent a winter in Cuba some years ago, which probably accounts in part for his interest and that of his daughter, Mrs. Purdy, of Chicago, in Cuban liberty."

### ETCHINGS

Kathryn White Ryan in Broom SHALLOWS

Thin river that can bear no ships,  
Whetting your edge of liquid steel on  
rasping rocks;  
You are like a lazy reaper  
Forever sharpening his scythe.

### NOON

The slim grey shadows tethered to the  
tree,  
Curl up beneath it now  
Like guardian hounds  
Asleep.

### EVENING

The headlands kneel before the sea,  
Huddling, with lowered eyes,  
Like white-velled nuns;  
The sea prostrates tall arms to them  
Like white-sleeved mussulmans at  
prayer.  
Do they mistake each other, in the  
dusk, for gods?

### POPLARS

The stars come close to-night,  
The stately poplars toy with them,  
Like languid fingers  
In a tray of unset diamonds.

### EARTH

O great black sluggish beetle of the  
earth  
Crawling upon a leaf of Time,  
Your glistening wings of Day and Night  
Are far too frail to lift you.

### YOU MUSTN'T SHOOT THESE

Federal regulations prohibit the shooting from sunset to half an hour before sunrise of migratory game birds on which there is an open season, and prohibit the killing at any time of any of the following birds: Band tailed pigeon; little brown, sandhill, and whooping cranes; wood duck, eider duck, swans; curlews, willet, upland plover, and all shore-birds (except the black-bellied and golden plovers, Wilson snipe or jack-snipe, woodcock, and the greater and lesser yellowlegs); cuckoos; flickers and other woodpeckers; nighthawks or bull bats and whip-poor-wills; swifts; hummingbirds; fly catchers; meadowlarks and orioles; grosbecks; tanagers; martins and other swallows; waxwings; shrikes; vireos; warblers; pipits; catbirds and brown thrashers; wrens; brown creepers; nuthatches, chickadees and titmice; kinglets and gnatcatchers; robins and other thrushes; and all other perching birds which feed entirely or chiefly on insects; and also auks, auklets, bitterns, fulmars, gannets, grebes, guillemots, gulls, herons, jaegers, loons, murrets, petrels, puffins, shearwaters, and terns.

### USING UP OLD CARPETS

Providing floor coverings for the home is often a question of making the best of what materials are at hand. One way of doing this is to have rugs woven from old woolen carpets and rugs too shabby to be used longer. Factories for doing the work are found in many localities. The old material is cut into strips about three-fourths inches wide which are sewed together and twisted. They form the filling for the new rug. Cotton string is used for the warp. These rugs are heavy and soft. They are alike on both sides and are very durable provided they are cleaned carefully. They are generally rather neutral in color and without a definite design. Borders may be woven from strips of carpet of solid color or figured carpet may be dyed for the purpose. In general, about 6½ pounds of old carpet is required to make a square yard of the re woven fabric, depending on the weight of the old material.

Completed federal aid roads have been growing at the rate of more than 1,000 miles a month during the present working season, says the bureau of public roads of the United States department of agriculture. On August 31, 6,401 miles had been added since the beginning of the present road building year. On the same date there was under construction 14,670 miles. Federal aid roads in all stages, from approved projects to completed roads, now total 41,405 miles. This is about 23 per cent of the proposed system, which will cover the entire country and will be about 180,000 miles in length.



## AMONG THE ALUMNI

Geta Lund, '21 is living at Irving. Raymond F. White, '21, is living on Route 4, Winfield.

H. W. Avery, '91, is receiving his INDUSTRIALIST at Wakefield.

Murl Gann, '19, is living at 722 Vermont street, Kewanee, Ill.

A. C. Arnold, '17, is running a battery service station at Hoxie.

Edgar Martin, '19, is now living at 1433 University avenue, Madison, Wis.

S. R. Johnson, '20, is in the department of health laboratory at Lansing, Mich.

Louise Dawson, '20, has moved from Clifton, Ariz. to 213 Cass street, Osceola, Iowa.

O. A. Findley, '11, and Clara (Sachau) Findley, '14, are farming near Hazelton.

Clyde Ludington, '13 has changed his address from Casper, Wyo., to Box 666, Salt Creek, Wyo.

Ray L. Graves, '12, is instructor in manual training and agriculture and director of athletics at Coldwater.

Dr. George F. Haas, '14, and Edith (Arnold) Haas, '16, have removed from Arnold, Nebr., to Yoder, Wyo., where they are homesteading.

Emma S. Irving, '10, has returned to Ningpo, China, where she is supervisor of nurses at the Baptist hospital. She spent the summer at her home at Hiawatha.

Frances (Stall) Wise, '18, is living at 595 Hill street, Athens, Ga., where Captain Wise is on duty with the R. O. T. C. at the University of Georgia.

E. A. Cabacungan, f. s., is working in the Chicago post office. Cabacungan was employed with the Western Electric company last summer. He hopes to return to Manhattan to resume his studies next year.

### Aggies Celebrate at Hays

The Aggie reunion at Hays last week proved to be a real old time pep meeting with all the trimmings. Thirty Aggies and a 1940 prospect partook of a banquet served in the Women's building of the Hays normal school. The old far famed contagious Kansas Aggie spirit was everywhere in evidence. It was a perfect day from the minute the guests were met at the entrance by Miss Agnew, chief engineer of the banquet, who pinned tags on them bearing name and year of graduation, until "Tiny" Gus Seng, toastmaster of the occasion gave the word that the reunion would adjourn.

"Alma Mater" was sung in real old fashioned style but not until Miss Agnew had rescued it from the depths, for Louie Aicher had pitched it too low. Old "Jay Rah" came in for a whirlwind finish, one of the fighting kind so often heard on the side line when the Wildcats tangle with K. U.

It was a real Aggie crowd and they had a real Aggie time. Three rousing cheers for Miss Agnew were proposed and given lustily in recognition of her good work in fostering the reunion, and the splendid part she played in making it such a complete success.

"Tiny" Seng took a lot of joy out of life for a few moments when he arose and stated that the speaking would now begin. Very few anticipated that there would be any speaking, for "Tiny" tactfully kept that part of it out of the announcements for the gathering. However the impromptu speeches were well received and the keynote of the day was the stadium. The alumni want the stadium, there is no mistake about that, and when the time comes for them to contribute, the Aggies at the Hays reunion will be there with the shekels. The Homecoming game received considerable comment and at least two auto parties were made up to

take in this extraordinary annual event.

The Aggies present at the gathering were Elizabeth Agnew, '00; L. C. Aicher, '10; Edith (Davis) Aicher, '05; C. A. Brewer, '17; Florence (Mitchell) Brewer, '19; L. A. Dubbs, '17; Mary (Vaile) Dubbs, '22; A. P. Davidson, '14; Lester A. Dummond, '22; Connie Foote, '21; E. J. Dummond; Bernice Frick; R. E. Getty; A. L. Halsted, '03; E. A. Herr, '21; Robert Hinde, '20; Julia A. Keeler, '19; Erma Locke, '01; Florence McCall, '22; Albert V. Norlin, '13; Edith (Avery) Norlin, '13; Master Avery Albert Norlin, '40; Mayme Norlin, '18; J. E. Rouse, '16; Mrs. J. E. Rouse; Faith Strayer, '24; A. W. Seng, '11; Mrs. A. W. Seng; Marcia Tillman, '16; E. D. Samson; Rebecca (Washington) Samson, '05.

### Ludwig Schwab Dies

Ludwig J. Schwab, '12, died October 1 in Grand Junction, Col., where for two years he had served as superintendent of the Grand Valley Light, Gas and Electric company. Death was caused by typhoid. He is survived by his widow and five children, his parents and a sister, Grace Schwab, 803 North Walnut, Hutchinson.

Mr. Schwab's first position after graduation was with the Kalamazoo Gas company. His next was superintendent of the gas company in Peoria, Ill.

### Irving Root, City Planner

Irving C. Root, '12, announces that he has opened offices at 312 Genesee Bank building, Flint, Mich., for professional practice in general city planning and landscape architecture. He was formerly planning engineer for the Flint city planning board. Prior to that he was for a number of years with the office of John Nolen, city planner, Cambridge, Mass.

"Mr. Root," reads his announcement, "is prepared to make city plans, park designs and planting plans, zoning plans and ordinances, real estate subdivision designs and display plans, landscape plans and to provide city planning consulting service."

### A Call for H. W. D.

Edna (Barber) Rachel, '15, who now lives at 849 East First South, Salt Lake City, Utah, writes:

"What has become of our Sunflower column? We miss it. Sunflowers always came immediately after the alumni column in the order of reading THE INDUSTRIALIST.

"Mr. Rachel now is in the trust department of the Tracy Loan and Trust company of Salt Lake City, a splendid position.

"We are strong for the alumni association. We will not be able to see the Homecoming game but we are rooting strong for our boys."

### Daughters Goes to Wathena

C. L. Daughters, '09, bought the Wathena Times of Colonel C. W. Ryan and assumed charge last week. Title to the property changes November 1.

Daughters is well known in Kansas newspaper circles. He served an apprenticeship under his uncle, Ewing Herbert, of the Hiawatha World. He was editor of the Manhattan Mercury when it was changed into a daily in 1911. He served with the Barrick Publishing company, Kansas City, Mo., and was until recently editor of the Kansas Stockman.

## BIRTHS

E. A. Herr, '21, and Elizabeth (Gish) Herr, '16, Hays, announce the birth October 17 of a daughter whom they have named Alice Marie.

C. J. Medlin, '20, and Ione (Baldwin) Medlin, f. s., Manhattan, announce the birth of a boy on August 4, whom they have named Roger Calvin.

## LOOKING AROUND

OLEY WEAVER, '11

Let's take for a text this letter from an engineering graduate in Pennsylvania. It is not necessary to divulge his name, which would make only for prejudice.

Dear Sir:

Last evening I received your letter of the tenth, and having been urged several times to join the association and not having done so I now take the time to tell you why I have not.

In the first place I have not hardly gotten on my feet financially and could not see my way clear to let loose of even five dollars. In the second place I do not think the college or very many there ever thought of me since I left. I am not interested in the athletic activities of the school so much as I am in whether the students who have to work their way through as I did, are having to work at low wages or not work at all.

If I thought the association would use the influence you say it has in getting the legislature to change the name of the college and thereby, with the aid of the press, put so many Kansas citizens right and out of ignorance of the fact that the college is not a school of agriculture alone, I should make out my check immediately. Another thing which I think is of far more importance than for me to keep my memory fresh of the times I spent there, is that the faculty be made to see the need of work for students and turn over all the work possible to students even though it takes time to organize the work so that it could be done at odd hours.

Although I hope the good work of the association goes on, I think the Y. M. C. A. is doing far more for the college than any other organization for the money invested.

Sincerely yours,

There's the text. Make your own sermon. But do you know what's the matter with that boy? He's a '22, broke, a long way from college and from home, the folks don't write, and he's homesick. He's scratching for an alibi. He's the very fellow that needs membership in the alumni association, and he's afraid to connect up through fear of showing weakness.

He knows the state of Kansas is not going to maintain an educational institution the size of this one and in addition hire students to come fill its halls. That's grabbing at a straw.

And did this new Pennsylvania citizen subscribe for and read the old home papers he would see how much stress the newspaper boys are placing on the report that there are more engineers than farmers enrolled at K. S. A. C.

What's in a name, anyway? Does it keep a fellow from showing what's in him? If the best engineers in the country are being turned out as graduates from an agricultural college or from a theological seminary, the world soon will find it out.

The alumni association doesn't want this fellow's check just now. Let him go down to the Y. M. C. A. and buy five dollars' worth of friendship and acquaintance and shake himself out of the glooms. Old Alma Mater loves him as one of her children but if he will stray from home he must expect a few fights with the neighbor kids. That's what makes the man.

### Shawnee Alumni Meet

Shawnee county alumni entertained Thursday of last week with a six o'clock dinner at the chamber of commerce rooms for themselves and visiting alumni. The occasion was the annual sectional meeting of the state teachers' association. More than 125 Aggies were at the dinner.

M. F. Ahearn, '13, director of athletics, was the principal speaker. He told briefly of the need for the memorial stadium to accommodate the growing interest in intramural athletics, the several uses to which the

### CAN YOU USE THIS SERVICE?

One purpose of the alumni executive secretary's office is to be of service to persons who have gone out from the college. Here is an example of legitimate service it may perform when called upon, as it is at long intervals.

A graduate wishes to get in touch with another whose address is unknown. Direct the letter to the person of unknown address in care of the executive secretary, with the notation "Please forward." The secretary will speed the letter on to the last known address of the person for whom the letter is intended. The envelope will not be opened in the secretary's office. If the person addressed has been lost to the office, the letter will be returned.

Occasionally a request for an address comes to the secretary's office with the additional request that the information be sent at once. The time taken to receive and act upon the information can be saved in urgent cases by following the procedure suggested.

Make use of the executive secretary's office in every way possible.

structure would be put, and appealed to the alumni to get ready their liberal contributions for completing it.

Clif Stratton, '11, managing editor of the Topeka Daily Capital, was toastmaster. Floyd B. Nichols, '12, managing editor Capper farm press; Dr. H. H. King, President W. M. Jardine, and Oley Weaver, '11, alumni executive secretary, made short talks. Prof. Ira Pratt, head of the department of music, sang. Charles R. Enlow, '20, led the cheering.

Frank O. Blecha, '18, president of the Shawnee association, had much to do with the success of the dinner.

### Occupation—"Hotel Loafer"

Mae (Sweet) Hagan, '17, who is with her husband, J. S. Hagan, '16, in Tokyo, Japan, in care of Takata & Co., No. 2, Yierakucho, Nichome, Kojimachi-ku, confesses to being a "hotel loafer, first class." Mr. Hagan is traveling in the interests of the Westinghouse company, and the couple has reached Japan.

Mr. and Mrs. Hagan left New York December 31, 1921 for Southampton. After a few days in London they crossed to Holland where they spent several weeks, then to Marseilles by way of Paris. The trip from Paris to Java was described in Mrs. Hagan's letter published last week in THE INDUSTRIALIST. They left Java late in June and after short stops in Singapore and Hong Kong reached Japan about the middle of July. They expect to reach San Francisco the first of the year.

"We have had a most interesting trip," writes Mrs. Hagan, "but will not be particularly regretful when the trunk labels read 'San Francisco.'"

### Barber Coaches Forensics

J. Wheeler Barger, '22, is with the department of English, Montana State College, Bozeman. He reports himself pleasantly situated and believes circumstances are such that he can work with pleasure and some degree of success as coach of forensics. He adds:

"My best wishes go to those in charge of the stadium project, and to everyone at the institution to which I have an increased devotion."

### Beg Pardon

THE INDUSTRIALIST wishes to correct an error that appeared in the last issue, in which R. D. Hillyard was referred to as a former student. Mr. Hillyard graduated in the class of '21.

## MARRIAGES

WILSON—SAVAGE

Mr. and Mrs. Alex Ballard, Miltonvale, announce the marriage October 22, of their daughter, Ferol B. Wilson, to George A. Savage, '09, Miltonvale.

## HERE'S A HOMECOMING HELLO FROM HASTINGS

Milo Discusses Various Topics in Letter To Alumni Secretary—Enumerates His Occupations

Milo Hastings, '06, than whom there is no other, wanders home by letter a week before Homecoming day. He is welcome, doubly welcome, as one might judge by the opening paragraph of the following letter, written on stationery of Physical Culture Food Research laboratory, Little Silver, N. J., of which he is director.

"My dear Weaver:

"Enclosed is a \$5.00 check for a membership in your persistently active and aggressive alumni association. So now rejoice with the angels because another backslider has repented. My wife says that your statement of the 2,000 alumni whom you have 'reclaimed' reminds her of 'Where Is My Wandering Boy Tonight?'"

"If your directory has not gone to press you might pass the editor this letter and see if he can figure out how to list me, as I believe I never filled out the last questionnaire you sent me. Those questionnaires always embarrassed me, as they seem made out for a man with one wife and one job. They seemed to be rendering me a gentle admonition for departing from the straight and narrow path of specialization in morals, manners, and occupation. I felt that between the lines was the question, 'Do you smoke cigarettes?' I do—and a guilty conscience needeth no accuser—especially when it is from Kansas.

"My present wife was Sybil Butler of Farmington, and a graduate of the Atchison county high school, 1914. Thank God she had more sense than to go to college and get a lot of high-faluting ideas about the intelligence of women, and all that sort of rot. As it is she is very meek and obedient and doesn't attempt anything more intellectual than being manuscript reader and literary adviser of the publishing firm of Dodd, Mead, & Company, where her chief duty is to explain to college professors why their books are not fit to print.

"As for my occupation, I regret to say that I still have several. I am director of Physical Culture food research laboratory, as indicated by this stationery. I am also vice-president of the Hastings corporation, incubator manufacturers, of Little Falls, N. Y. I am also a poultry farmer. I am also a writer and even a novelist. I am also an inventor, my chief claim to glory in this line being the mechanical draft or fan system of incubation, the patent of which I allowed to get away from me, and which is therefore now public property and being exploited by several firms. The editor of the Reliable Poultry Journal terms it the greatest invention in the poultry industry since the discovery of artificial incubation, yet I one time offered that idea gratis to the U. S. department of agriculture, and they refused to consider it as they deemed it impractical. But if I put all of the above occupations down on your little blank I would also be a conceited ass.

"The most interesting thing I have done recently is to take chickens that were down on their uppers and in general unseaworthy and unable to navigate and shoot them full of vitamins and see them take up their beds and walk. In inquiring around to see what other chickenologists were doing in this line I wrote to a Cornell professor who replied by advising me to communicate with 'Kansas university at Manhattan, Kansas,' where he said they had a poultry department. I thanked him and stated that Kansas university was not located at Manhattan, but that the agricultural college was, and that I believed he was correct in stating that they had a poultry department as I had started

(Concluded on page four)



## "CAN LEARN TO WRITE"

ANYONE, IF HE'S WILLING TO WORK, POET DECLARES

Necessary Interest, Time, and Effort Applied to It Will Result in Skill in Craft, Edmund Vance Cooke Says

"Anyone can learn to write. Writing is a craft that can be acquired by any person who will give it the necessary interest, time, and effort."

This was the view expressed by Edmund Vance Cooke, writer and lecturer, in an address at the college last week. Mr. Cooke spoke both at the student assembly and before the students in industrial journalism.

The current lack of interest in literature, and especially poetry, was scored by Mr. Cooke, who accused the public of seeking recreations requiring no thought.

### TAKES SHOT AT MOVIES

"The most highbrow of us will agree that he sees Bill Hart oftener than he hears Will Shakespeare," he continued. "The motion pictures, the most popular entertainment in the United States, are the least intellectual recreation known to man. We attend the movies because we want to avoid thinking."

The speaker also criticized the "comic strips" that appear in many newspapers. Most of them, he declared, possess no humor whatever.

"Ruskin said that he could live without paintings," remarked Mr. Cooke, "but that he could not live nearly so well. The same thing may be truly said of poetry. No man or woman can live so well without poetry. The sooner we come to understand this, the happier and more fruitful our lives will be."

### SHOWS HOW POEM GROWS

A unique feature of Mr. Cooke's address to the journalism students was his analysis of the way in which a poem comes into being. He traced two of his own poems in detail from the initial suggestion from which both of them sprang, to the completed verses.

Mr. Cooke read extensively from his own work, pleasing his audiences tremendously both with the philosophy and expression of his poems and with the vocal interpretation which he gave them.

## CRIPPLED FOR K. U.

(Concluded from page one)

beat Washington 22 to 14. But it has almost no bearing on the approaching contest between the state university and the state college here next Saturday.

### TO BE BIGGEST HOME GAME

Contest with Jayhawkers Will Draw Enormous Crowd

To the local fans, the K. U. game becomes less important every year. It used to be the only contest of the season that really counted. The success which the Aggies have had in the last few years in games with the universities of Missouri and Oklahoma and with Ames has done much to remove the tradition of "Beat K. U." The Nebraska university game three weeks from next Saturday is more important than the Jayhawker game this week in the minds of the undergraduate Aggie fans today.

But with the Aggie alumni it's a different story. Few of them have ever seen an Aggie team defeat K. U. They are coming to Manhattan by thousands next Saturday lest they miss the spectacle of an Aggie team giving the Jayhawks a drubbing.

It will no doubt be the best attended Aggie game played on the college athletic field this season. Ames and Texas Christian are the only teams besides K. U. left on the Wildcat schedule for home games. The Husker game will be at Lincoln and the Missouri game at Columbia.

It is to be the occasion of the annual Homecoming for Aggie alumni. They're going to be here in such numbers that Mike Ahearn doubts whether he will be able to supply

seating accommodations. In addition to the alumni and friends of the college there will be present a delegation of 1,000 or more from Lawrence, several hundreds of fans from cities within motoring distance from Manhattan, a large number of high school and college coaches and players from this section of the state, and a large delegation of newspaper men here to attend the annual Aggie editors' football party, given by the journalism and athletic departments of the college.

The maximum of seating accommodations will be a little more than 7,000. A little more than half of these are reserved. All reserved seats had been sold Monday night. Standing room for 2,000 or more may be provided.

Three units of the memorial stadium, each unit having a seating capacity of 820, are ready for use. K. U. rooters will occupy one of these. The other two were sold out within a few hours after they were put on sale.

The forms for a fourth unit will be made available for spectators but seats in this unit will not be reserved. The south section of this incomplete unit is about 50 feet north of the north goal of the gridiron as laid out at present.

Bleachers on the east side will seat 1,740. Bleachers at the ends of the field will accommodate a total of 800. The old grand stand will hold 800. Bleachers on the west side of the field, south of the completed sections of the stadium, will accommodate about half of the new Aggie "thundering thousand."

A crowd of 20,000 will seek admittance, it is predicted by persons who have been over the state in the last few weeks. Mike Ahearn does not believe the crowd will exceed 10,000. The largest crowd ever to attend an Aggie game here numbered less than 7,000.

### FROM THE PILOT'S LOOKOUT

(By Burr Swartz, Aggie Quarterback, Journalism '24)

The train which the Aggies took to Oklahoma was several hours late. This forced the team to take a short workout at El Reno, Okla., which caused a lot of excitement in the village. A large number of spectators watched the Wildcats perform.

Mrs. Bachman accompanied the Wildcats to Oklahoma. She is visiting this week at Okmulgee, where her parents live. Mrs. Bachman was an O. U. coed not very long ago. She'll be home for the K. U. game.

The day was rather warm and that Oklahoma water had a deadening effect upon the team. The Aggies were constantly calling for it.

Schindler was the only man to go under, due to the water. He fought 'em till he dropped.

Two hundred pounds from end to end is something to look at, for a light back field like the Aggies.

O. U.'s backfield made our linemen look like children.

When the game ended Bachman had reached the end of his string of substitutes for the backfield.

Cochrane, the referee, said that it was the hardest game to officate that he had ever worked.

No snap to be playin' in, either.

It might be said that the Aggie offense with the regular set of backs went through Oklahoma like water through a tin horn. It was too bad our men had to be knocked out.

You may have a good team to start a game with and by the end of the first quarter not have a thing left.

The game was full of breaks. We should have won, and again we could have lost. So why not take a tie and be satisfied?

A country child might like a real, live Christmas present this year in the form of a purebred calf or pig, or a trio of chickens.

## TWO OF AG FACULTY GO

HENSEL AND WINCHESTER RESIGN FROM COLLEGE

Both into Business Enterprises—To K. S. A. C. Same Year, 1919—Horlacher Appointed Instructor—Agronomy Vacancy Unfilled

Resignations of R. L. Hensel and H. B. Winchester, associate professors in the division of agriculture, took effect last week. Both had become members of the faculty of the Kansas State Agricultural college in 1919.

Professor Hensel was associate professor of pasture management. He will engage in business with his father at San Antonio, Tex., where his address is 1014 North Cherry street. Professor Hensel's successor has not been named.

Professor Winchester was connected with the animal husbandry department where he engaged in nutrition investigations. He is to become manager of a large livestock enterprise in north central Nebraska where he will receive an attractive salary and a per cent of the gross profits. His address will be O'Neill, Nebr.

### HORLACHER AN INSTRUCTOR

W. R. Horlacher, '20 and '22, has been appointed instructor in the department of animal husbandry and will take over some of the duties of Professor Winchester. Mr. Horlacher was one of the outstanding graduates of the animal husbandry department. He received his master's degree from the college last June.

Professor Hensel was the first man employed by the college to devote his entire time to the study of the pasture problems. His work has been principally with native pastures. Nearly sixteen million acres or about one-third of the total area of Kansas is in native grass.

Speaking of Professor Hensel's work Prof. L. E. Call, head of the agronomy department, said:

### PLANS FOR SAVING PASTURE

"Professor Hensel has found that the principal causes of weedy, run down native pastures are pasturing too early in the spring and too heavy pasturing or over grazing throughout the season. When these two kinds of abuse go on at the same time, the pasture deteriorates rapidly, and if continued for a few years, may be almost ruined.

"He developed a plan of pasture management which promises to overcome many of the evils of both over grazing and too early grazing. In this system the pasture is divided into two parts. Stock is grazed on one part from the first of the grazing season to midsummer, and the grass on the other part is allowed to grow. After midsummer the stock is changed to the other part of the pasture and the first is allowed to grow freely until winter.

### REVERSED AFTER TWO YEARS

"This is done for two years. After two years the process is reversed. Under this system Professor Hensel has found that it is not only possible to carry more stock on the pasture, but weeds have decreased and the grass has increased in vigor in pastures handled in this way.

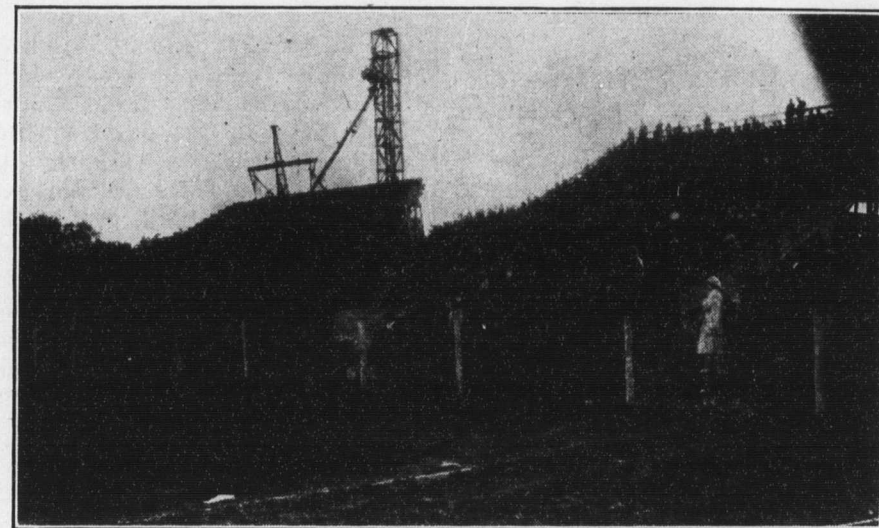
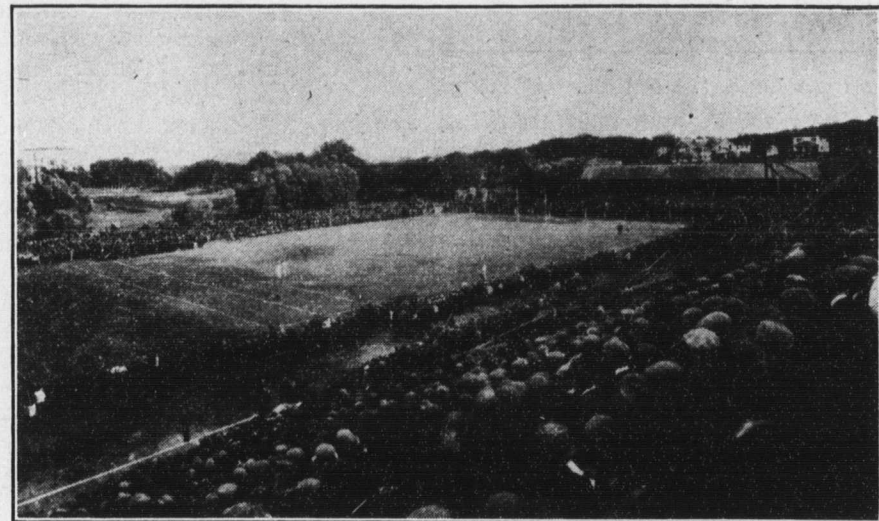
"Professor Hensel has also made a study of the effect of burning pastures on the native vegetation. His work has shown that burning, if properly done and not accompanied by too early or too heavy grazing, may help to restore weedy pastures and also help to secure more uniform grazing of the entire pasture area. His work has also shown that burning is usually not necessary in pastures that are properly grazed."

### "YOUNG MAN OF ABILITY"

President W. M. Jardine, in commenting on Professor Winchester's resignation, said:

"It is regrettable that we are losing Professor Winchester. He is a young man of marked ability and promise, and his research was proving very useful. We feel, however, that he is honored by being chosen to take charge of a big commercial

## VIEWS OF AGGIE ATHLETIC FIELD AND PART OF STADIUM



While these views give only an approximate idea of the appearance of the Aggie athletic field when the memorial stadium is completed they provide a basis for a conception of the finished structure. Both pictures were taken just before the Washburn game.

The upper picture illustrates in a vivid way the excellence of any seat in the stadium. Most fans will recall disappointments at being seated near the end of a playing field, yet it is quite obvious that a splendid view of the entire playing field is obtained. This will be true of every seat in the stadium, due to the special plan of its construction.

The lower picture affords a view of the one completed unit of the stadium

which was occupied at the Washburn game. The second unit, to the left of the completed one, was not quite ready for use.

Since these pictures were taken the second unit, and also a third one between those shown here, have been completed. The forms of a fourth to the right of these will be ready for occupancy at the Homecoming game Saturday.

The unit in the immediate foreground has been reserved for the K. U. rooters Saturday.

Nearly 200 seats near the top of the unit at the left of the lower view, the middle of which is just opposite the center of the playing field, are reserved for visiting newspapermen next Saturday.

farming enterprise at a large increase in salary. Research and practical farming ability frequently do not go hand in hand, but it is evident that in Mr. Winchester's case they do. "It is worthy of remark that the college seeks these twofold qualities in the men it employs. They serve us splendidly while they remain here, but they are likely to leave because of the greater financial remuneration offered elsewhere."

### NATIONAL CONVENTION SIGMA DELTA CHI HERE IN NOVEMBER

Date of Meeting Is Moved Up One Day

The national convention of Sigma Delta Chi, professional journalistic fraternity, will be held here November 15, 16, and 17. The dates formerly set were November 16, 17, and 18, but were changed because of the Aggie-Nebraska game, November 18.

There will be delegates from 40 chapters, and a large representation from Kansas and Nebraska universities is expected. Plans are being made for a dance on Thursday night and a big banquet on Friday.

Last year the convention was held at Ames, Victor Blackledge being the delegate. It was mainly through his efforts that K. S. A. C. obtained the convention here. Minnesota university offered very strong competition.

### VETERINARY DIVISION ISSUES NEWSPAPER FOR GRADUATES

Copies Are Sent Free of Charge to Alumni

The first edition of the K. S. A. C. Veterinary News is being mailed out to all alumni vets. The paper

is also being mailed to the defunct Kansas City Veterinary college because the records of that institution have been transferred to K. S. A. C. A total of 2,000 copies will be mailed. It is planned to issue this paper quarterly and a copy will be sent, free of charge, to all the alumni previously mentioned.

The K. S. A. C. Veterinary News consists of several pages of material that will prove of special interest to the vets who have graduated from this institution. It tells of the work that is now going on in the school, besides many items telling of the work of the alumni in their profession. It also contains a list of the 1922 veterinary alumni along with their addresses and occupations.

### HERE'S A HOMECOMING HELLO FROM HASTINGS

(Concluded from page three)

it myself. I have since received an interesting report from Prof. Loyal F. Payne who, it seems has been doing some similar stunts to my own in chucking the hens full of vitamins. Evidently my spirit still hovers over the K. S. A. C. chickens.

"Good luck to you in your Big Boost Campaign for K. S. A. C."

"Cordially,  
"Milo Hastings."

A Mississippi farm woman told at a recent short course at the Agricultural and Mechanical College of Mississippi how she had made \$150 this year from a single Easter lily given to her nine years ago. With the help and advice of the county extension agent that lily was planted and grown out of doors until a regular business had been built up, with a steady demand for the lilies.



# THE KANSAS INDUSTRIALIST

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Number 7

## AND SO THEY BURY JINX

### AGGIES GET THEIR SHARE OF BREAKS IN 7-7 TIE

Jayhawker and Wildcat Score in First Quarter, then Scatter Fur and Feathers to a Draw for Three More Periods—Hahn Is Hero

Oh the Wildcat and the Jayhawk Bird, They fought one awful fight, The fur and feathers flew about— It was a stirring sight. They cut and clawed and slashed and tore For one small pigskin ball, And when they reckoned up the score The count was seven all.

Such is the story of the great Kansas football classic of 1922. Thirteen thousand football fans, parked any old place on Ahearn field that would afford the slightest squint at the gridiron, saw the struggle. And seeing was not all. They experienced every thrill known to modern football. It was not a particularly noisy or boisterous crowd, for the play was usually a little bit too intense for noise.

The old grads came home by the tens of hundreds. Many of them had not been back for a long time. One of the happy prodigals—with the best pair of Aggie lungs you ever heard—sat right next to the press box. It was his first Homecoming in 15 years and his first Aggie football game since the days of '06 and '07. But don't think he had lost an ounce of his Aggie fight, and don't think that he didn't appreciate the gameness of Bachman's warriors when they were under the shadow of their own goal holding Clark's charging backs to gains that had to be measured in inches. Here's hoping that that loyal Aggie comes back many times to make up for what he's missed, and here's betting that he will.

### MADE AGGIE HISTORY

The Homecoming of 1922 made history for K. S. A. C. It set new standards not only in numbers but in spirit. It opened the eyes of the college to the spirit and loyalty of the alumni and friends and it opened the eyes of the alumni and friends to the great growth and present needs of the college. It established the tradition of homecoming. Hereafter Manhattan must prepare to number its visitors in tens of thousands.

And the K. U. jinx was battered and broken, and buried deep under the sod on Ahearn field. That was most satisfying of all. For the first time in the memory of faithful Aggie supporters the Wildcat got his share of the breaks. It was captain Ray Hahn who turned the trick. Early in the first quarter he leaped high after one of "Prexy" Wilson's hurried passes, speared the pigskin from the dust choked air and tore 75 yards down the field for a touchdown. It was the first important break the Aggies have had the pleasure of taking from the Jayhawkers in years. Exit the K. U. jinx.

### REFLETE WITH THRILLS

K. U. tied the score on a forward pass over the Aggie goal line. Both sides kicked goal.

The game was replete with thrills. The terrific driving of McAdams and Burt of the Jayhawkers was good enough football to excite the admiration of the most frantic Aggie followers. The down state backs were invincible and unstoppable in mid-field but when they got within the Bachman danger zone it was a case of an almost irresistible force succumbing to the stubbornness of an entirely immovable wall. The Aggie line played the part of the immovable wall. Three times it stayed off almost certain defeat. On one occasion the Kansas University ma-

chine was unable to travel one weedy yard in four full grown downs—a yard that would have meant a touchdown and victory.

### GREAT DEFENSIVE GAME

The Aggies were on the defensive most of the time. In mid-field their defense was considerably below its own standard, but in the danger zone it was all that even a particular fellow like Coach Bachman could ask for. The Wildcat offensive got under way once. In the fourth period an overhead attack carried the ball to the K. U. twenty-yard line. Things looked mighty fine for the Aggies and the visiting rooters from Lawrence grew suddenly concerned, but an intercepted pass soon stopped the rally and the mid-field successes of McAdams and Burt started again.

### M. U. AT COLUMBIA SATURDAY

Aggie Line May Undergo Changes Before Game

The Kansas Aggies have passed the halfway mark of the 1922 football season with their defeat column clear. Next Saturday they will play their fifth game of the present season with Missouri university at Columbia.

While the Bachmanites have no defeats marked against them, they have only two victories credited to them. Two of their games, those with Oklahoma and Kansas universities, resulted in tie scores, 7 to 7 in each case. Earlier in the season Washburn and Washington fell rather easy victims before the Wildcats.

Despite the last two gruelling games through which the Aggies have gone—here with K. U. last Saturday and at Norman with the Sooners the Saturday before—they are in fair shape to meet the Tigers at Columbia.

Axline, who starred in the Sooner game, was injured in the contest so severely that he was unable to play last Saturday. Possibly the two weeks' rest will enable him to go against the Missourians. Staib, right tackle, is probably out of the game for the rest of the season with a serious injury to his arm.

The Aggie coaches are contemplating a complete change of the right side of the line this week. They were not satisfied with its showing against the Jayhawkers last Saturday. The change will put Sebring, right end, and Schindler, right guard, on the side line. Staib, right tackle, is included because of his injury.

In the place of Sebring the coaches contemplate using Munn, a sophomore of promise. Ewing, another second year man, weighing 210 pounds, is the most likely candidate for right tackle. Steiner, a one-letter man, probably will supercede Schindler.

It was around and over the right side of the line that K. U.'s longest gains were effected in the battle between the Jayhawk and the Wildcat here last week end. The coaches say the men on the right side of the line were loafing and that they can't loaf and hold their jobs. That the veteran Sebring and Schindler will lose out is regarded as extremely unlikely by Aggie fans, but the coaches declare that they are determined to change the lineup in the Missouri game.

The history of the Aggie-Missouri gridiron engagements shows that Missouri has come off victor fewer times than the Aggies. In the last five contests, K. S. A. C. has won three times, twice by the score of 7 to 6 and once 7 to 5. One of the last five games resulted in a 6 to 6 tie. Missouri defeated the Aggies 10 to 7 year before last. Missouri won the

(Concluded on page four)

## ENGINEERS MEET HERE

### FORTY TEACHERS OF KANSAS AND NEBRASKA ATTEND MEETING

Members of N. U. and K. U. Faculties Join K. S. A. C. in Program Friday and Saturday of Last Week

The annual meeting of the Kansas-Nebraska section of the Society for the Promotion of Engineering Education was held at the Kansas State Agricultural college Friday and Saturday of last week. The meeting was especially well attended, there being about 40 representatives from the University of Nebraska and Kansas university.

The five year engineering course—what subjects should be added or extended to make it of greater value than the present four year course, was the topic for discussion at the session of the society held Friday evening. O. J. Ferguson, dean of the college of engineering at the University of Nebraska and B. B. Brackett, professor of electrical engineering at the University of Nebraska, led the discussion. They were followed by representatives from the Kansas university and K. S. A. C.

### DON'T GO ON RECORD

What should be done toward the training of young engineering instructors, was the topic for the Saturday morning session. The discussion of the topic was led by representatives from the Kansas university. Prof. J. O. Hamilton and Prof. J. D. Walters were among the members from K. S. A. C. who took an important part in this discussion.

No special recommendations were made by the faculty as a result of this meeting. The five year engineering course is, perhaps, the more important of the subjects discussed. There has been a growing feeling in various quarters that the five year engineering course is desirable. The purpose of the discussion of this topic was not to go on record as being for or against such a course, but to correlate ideas, so that engineering educators would be better prepared to map out such a course should the time arrive.

### CLOSES WITH LUNCHEON

A luncheon was given by the local faculty of the engineering division at the community house Saturday noon in honor of the visiting members. Sixty plates were served. The meeting adjourned at the close of the dinner.

### FLORISTS' REVIEW COMMENTS ON COLLEGE GARDENING WORK

Trade Paper Remarks About Service Rendered

The work of W. B. Balch, in charge of floriculture and vegetable gardening at K. S. A. C., was the subject of comment in a recent number of the Florists' Exchange, the most widely read of florists' trade papers. Referring to Mr. Balch's report of a gratifying response by florists to his invitation to use the department of the college, the article adds—

"Many florists have written of their problems and received help. The letters uniformly increase from districts where a florist has been helped. He is securing from other state colleges seeds of flowers and vegetables resistant to diseases found in Kansas, and is developing lists of flowers and plants that do well here."

"A new project at Manhattan fits exactly into a new idea proposed at the recent convention—namely, the greater attention to outdoor flowers. Mr. Balch planted this spring, 25 varieties of annuals and perennials as a step in a program of developing

### THE SCHEDULE

October 7—Washburn 0, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22  
October 21—Oklahoma 7, K. S. A. C. 7  
October 28—Kansas 7, K. S. A. C. 7  
November 4—Missouri at Columbia  
November 11—Ames at Manhattan  
November 18—Nebraska at Lincoln  
November 30—Texas Christian university at Manhattan.

lists of flowers which florists may grow cheaply outdoors for use in summer. At the present time he has data on these tests, which will be made available to florists in time for their next year's plans. And by the date of next year's convention, he will have had experience with still more.

## EIGHTY-FIVE PERSONS ATTEND SHORT COURSE

Creamery Men Here Last Week from Seven States Represented 35 Firms

Eighty-five persons attended the fourth annual field superintendents' short course given by the K. S. A. C. dairy department Tuesday, Wednesday, and Thursday of last week. Of those in attendance 15 were managers or assistant managers, 67 were field men, and three were special speakers.

Seven states were represented by those in attendance. Kansas led the list with 60, the others following, with their number, in the order given—Missouri 13, Nebraska 6, Colorado 2, Illinois 2, New Mexico 1, and Iowa 1.

The following named firms, numbering 35, sent one or more representatives: American Butter company, Kansas City, Mo.; Aines Farm dairy, Kansas City, Mo.; Beatrice Creamery company, Beatrice, Nebr.; Beatrice Creamery company, Denver, Col.; Beatrice Creamery company, Topeka; Beatrice Creamery company, Chicago, Ill.; Belle Springs Creamery company, Abilene; Belle Springs Creamery company, Salina; Bennett Creamery company, Ottawa; Bennett Ice Cream company, Cherryvale; Concordia Creamery company, Concordia; De Coursey Creamery company, Kansas City; Emporia Creamery company, Emporia; Fairmont Creamery company, Omaha, Nebr.; Golden Belt Creamery company, Hays; Harding Cream company, Kansas City, Mo.; Goff Creamery company, Goff; Hollywood Creamery company; Colorado Springs, Col.; Harrow-Taylor Creamery company, Kansas City, Mo.; Iola Creamery company, Iola; Kirschbaum and Sons, Omaha, Nebr.; Kaw Valley Creamery company, Lawrence; A. S. Kinimouth company, Winfield; Lincoln Pure Butter company, Lincoln, Nebr.; Meriden Creamery company, Kansas City, Mo.; Meriden Creamery company, Hutchinson; Merritt-Schweir Creamery company, Great Ben; Swift and company, Wichita, Clay Center, Hutchinson, Parsons, Lincoln and Beatrice, Nebr.; National Butter company, Fort Scott; and Wichita Creamery company, Wichita.

Kansas has 45,435,179 acres in 165,286 farms. There are 129,392 which contain 100 acres or more; 16,301 contain 500 acres or more.

There are 4,146 women farmers in Kansas and 3,660 of these own and operate their farms.

## QUARTET OPENS SERIES

### CRITERION SINGERS TO APPEAR AT K. S. A. C. NEXT WEEK

Organization Makes Records for Phonograph Companies—Other Artists to Appear Announced by Music Department Head

The opening number of the 1922-23 Artists' series is to be presented Wednesday, November 8, with the Criterion Male Quartet as the attraction.

Season tickets for the music fest were placed on sale this morning at the box office in the college auditorium. The five numbers this year are being sold for \$3.00 and \$3.50, the same price charged for the three-recital course in previous years.

### MAKE PHONOGRAPH RECORDS

The convenient feature in the method of ticket sales, which was inaugurated last year by Prof. Ira Pratt, head of the music department



THE CRITERION MALE QUARTET

will be used again this year. Orders will be received by telephone and tickets mailed direct to the purchaser. Orders by mail and in person are also being received.

The Criterion Male quartet which will appear in Manhattan for the first time Wednesday evening should be one of the most popular numbers of the entire program. According to Professor Pratt, the organization is known the world over for its musical and entertaining ability. Their trip to Manhattan will be their first trip west for several years. The quartet has spent the past few seasons performing in New York City and singing for the Edison, Victor, and Columbia phonograph companies.

### MIDDLETON TO BE HERE

The remaining four numbers are scheduled as follows: Tandy McKenzie, Hawaiian tenor, December 5; Kansas City Chamber Music society, February 19; Arthur Middleton, baritone, April 10; Thurlow Lieurance company, April 16.

### MORE THAN 200 FOURTH ESTATERS ATTEND GAME

Journalism and Athletic Departments Hosts to Newspaper Folk

More than 200 Kansas newspaper folk attended the second annual football party given jointly by the athletic department and the industrial journalism department of K. S. A. C. on the occasion of the K. U.-Aggie game here last Saturday. The writers sat in choice seats at the top of the south unit of the memorial stadium.

The party was entertained at luncheon Saturday noon in the college mess hall. Dr. H. H. King, head of the chemistry department and a leading sponsor of Aggie sports on the K. S. A. C. campus, addressed the fourth estaters. Don Corby, Aggie yell leader, taught them how to yell for the Purple.

The 11th fairy can't get in through a closed window in the sleeping room. But he'll come in and bring friends if the windows are open wide.



## THE KANSAS INDUSTRIALIST

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W. M. JARDINE, PRESIDENT..... Editor-in-Chief  
N. A. CRAWFORD..... Managing Editor  
J. D. WALTERS..... Local Editor  
OLEY WEAVER, '11..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. W. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, NOVEMBER 1, 1922

### A GREAT HOMECOMING

It was a great Homecoming. There were alumni and former students who return to their Alma Mater every year, and there were others who had not been back since graduation. Whether they had been in the habit of coming often or seldom, they found interest and joy on the campus, on the football field, in the town.

It was a great game. The members of the team showed the stuff of which they are made. No Aggie man or woman could fail to be proud of the fight they put up. With such spirit, the game with the university next year should result in an Aggie victory. The game last Saturday was a prediction of future victory.

More important than the game, however, more important than anything else, is the impression which returning Aggies got of their Alma Mater. They saw its rising buildings, its growing student body, its increasing standards of scholarship, the spirit of the college family, students and faculty alike, the prestige which the institution has attained not only in the Missouri valley but throughout the United States. Every Aggie who came back for Homecoming knows now, more surely than ever he knew before, that he is a graduate of a great college.

But no loyal alumnus of the college is content with that point which the institution has already reached. He knows that perfection is never attained. He knows also that every worthy institution is striving toward perfection. He knows the powerful effect of interest, support, honest criticism, in that direction. Homecoming has shown Aggie alumni what the college is, some measure of what it may become, and what the alumni and friends of the institution may do toward accomplishing its purposes and realizing its visions.

### CORN TASSELS

A. D.

The humble family than which there is no humbler has been found at Jamestown. The following card of thanks appeared in the Optimist: "We desire to thank our friends, neighbors, and fire boys for distinguishing the fire at our home."

"Some singers in going up to 'C' make it sound like 'H,'" cruelly remarks the Howard Courant.

"The claim that people will go wherever they get the most conveniences, is a myth," declares the Dodge City Daily Globe. "They all flock to the town where all of the parking space is already taken."

The Bonner Springs Chieftain has at last found something to take its thoughts off of the suffering Armenians. "As the time for Kaiser Bill's marriage draws near," states the Globe, "we are going to transfer our sympathy from the Armenians to the hapless children whose mother is about to make Bill their stepfather."

Altoona citizens are nothing if not magnanimous. Apropos the question of removing the county seat from Fredonia to his own fair city an Altoona scribe apologetically remarks, "Boys, we hate to take the county seat away from you. Nothing pains us more, but you know we all have to look out for ourselves. Please don't be angry. We'll let you slide down the court house cellar door."

"There seem to be as many barber shops as there were before safety razors were invented," dreamily observes the Howard Courant.

It seems that the only permanent solution to our problem is to kill off all of the people.—Concordia Blade-Empire.

In spite of all the police activities there is still something brewing in the near yeast.—Dodge City Daily Globe.

A small town is defined by the Caldwell Messenger as a place where a man who shines his shoes and puts on his coat is asked if he is going to Wichita today.

The proposition that dictionaries be excluded from the schools because their definitions are not correct meets with the full approval of the Iola Register, which says: "Go to it Jerry. Not only do Webster's definitions differ from ours but also his spelling does."

In reply to the query, "What has become of all of the cures for the drink habit?" the Concordia Blade-Empire whispers, that they are bootlegging them now.

### A QUARTER CENTURY AGO

Items from The Industrialist, November 2, 1897

F. R. Jolly, '95, is working on the Randolph Enterprise.

C. M. Ginter writes from Newton, that he has a position as locomotive fireman.

A glee club with 17 members has been organized at the college. E. B. Patten is the president.

Miss Wilhemina Spohr, '97, read a paper on "Pestalozzi" before the Riley County Teachers' association at Keats October 16.

Miss Hochleitner writes that she is enjoying her studies in Chicago university very much; that her friends desire her to return to Stoudsburg, Pa., to teach, but she will stay in Chicago university the rest of the year.

The new domestic science hall has received its fireplaces and most of the doors during the past week. There has also been done some grading and draining of the surrounding parts of the campus. Another week or two will see the structure finished.

C. J. Peterson, '97, Delpha Hoop, '91, Ada Rice, '95, and Winifred Houghton, '97, are on the program for the next teachers' association of Riley county. The meeting will be held at Leonardsville December 11. Prof. O. E. Olin will deliver an address.

This evening the noted impersonator, Prof. Will L. Greenleaf, will deliver an impersonation before the students and faculty in college chapel. The lecture is to take the place of the usual term social and was provided by the members of the faculty by private contribution.

Today the college football team plays a game with the team of the Dickinson county high school. As we are going to press we can hear the frolicsome shouts of joy and cheers of encouragement through the

open office window but we do not know who kicks the hardest.

The Shawnee county farmers' institute will be held on December 9 and 10 at the Grange hall at Mission Center, four miles southwest of Topeka. The agricultural college will be represented by Professors H. M. Cottrell and I. D. Graham.

Manhattan will soon have an athletic arena. The city council has granted the use of a public square in the north part of the city near the college gate, and a number of citizens have formed an association for the purpose of fencing it and erect-

introduced in the Kansas markets by Prof. S. C. Mason two years ago.

A dramatic recital will be given by Prof. and Mrs. F. A. Metcalf under the auspices of St. Paul's church at the opera house on Wednesday evening, November 3. The recital will consist of selections from standard authors, including the humorous, dramatic, and pathetic, together with a short comedietta for two characters given by Professor and Mrs. Metcalf. These will be interspersed with vocal and instrumental music. A fine entertainment is promised. Seats to any part of the house—25 cents.

## A Message to Agricultural Students

Dean F. D. Farrell in the Kansas Agricultural Student

Most students go to college knowing several things which are not so. One of the commonest of these misconceptions is that the chief purpose of a college education is to enable its possessor to make more money. Another is that a college degree is a license to live without working. A third is that colleges are maintained primarily for the benefit of their students rather than for the many times greater number of people who are not so fortunate, but who, nevertheless, pay more of the cost of keeping the colleges going. Some students are so unfortunate as to carry one or more of these fallacious ideas through college, and a few graduates retain some of them throughout life.

Colleges are maintained chiefly for the purpose of supplying the world with a thing of which it never has enough. That thing is capable leadership. Because it is always scarce and always in demand, leadership is high priced. It is more difficult to find a good foreman than it is to find men to work under him, and that is the only reason why the foreman receives the higher pay. Going to college helps a man to develop intellectual power, technical ability, and spiritual strength. These are the principal qualities of leadership. Students who develop these qualities to a high degree become leaders and subsequently are rewarded according to the character of the service they render.

You agricultural students are preparing yourselves for positions of responsibility and leadership, on the farm and elsewhere, in the service of the most important industry in the world. Agriculture is indispensable to civilization. It is the biggest business in America. Its progress is indispensable to the wellbeing of our country. Like all other great industries, it must have a large number of capable leaders—men having broad vision, strong honest character, clean enthusiasm, and scientific ability; men who can do big difficult things and who are not afraid to use imagination and to work. More and more the people engaged in agriculture must make use of the facts of science—in production, in distribution, and, most important of all, in country life. They cannot do this effectively without high class leadership.

And here is where you chaps come in. The existence of the agricultural college and your presence in it as agricultural students will be justified to the extent to which the college helps you, and you help yourselves, to become great Americans in the service of American agriculture.

You need not be anxious about your rewards. If you give excellent service, remembering always that this requires hard work and, not infrequently, hard fighting, you cannot escape the rewards, even if you try to do so.

ing a grand stand. The work of cleaning and improving has already been commenced.

Mrs. Kate Watson, a member of the board of regents of the Lewis Manual Training school, Chicago, spent last Friday in the manual training department of the college to study our methods of instruction. She was greatly surprised to find such well arranged facilities and systematic work "way out in Kansas," though, she said, she knew that this state is ahead of most of the eastern states in regard to public institutions.

G. E. Spohr, the father of several of our bright girl students, called at the college last Friday to deliver some sugar beets which he had raised for the experiment station, and used the occasion to present the printing and executive offices with samples of fruit from his fine 60 acre orchard two miles south of the college. Mr. Spohr is an enthusiastic horticulturist—the originator of the famous Spohr apple which was

The following letter received at the executive office from a philanthropic gentlemen, whose name is withheld for obvious reasons, explains itself:

Chicago, Ill., Oct. 22nd, '97  
Kansas Agricultural College  
Gentlemen:

I have seen in the Chicago papers Tuberculosis in your Herd of Cattle the only preventive remedy is Nockulation I have tried it several times and always it effectual each Cow or steer are Nockulated in the tail and from that forward there is No danger of the Disease spreading I am a Farmer who do that kind of Work would willingly attend to your Cases if My services are required  
Your Most respectfully

It was voted by the board of regents that no greater pay than ten cents an hour be allowed any student unless regularly employed by the board; provided that this resolution shall not apply to contracts already entered into or made by implication for the present college year.

## THE MYSTIC RIVER POOL

Jay G. Sigmund in the Modern Review

The green heron,  
silent,  
moping on orange-colored stilts,  
knows much  
river-pool lore;  
he is my class-mate.

He is possessed  
of infinite wisdom,  
and knows the mysterious secrets  
of all the tiny water-folk.

Why do shells of crawfish  
redden among the rocks,  
while tracks of the ring-tailed  
raccoon,  
like hieroglyphics,  
write epics in black ooze?

Where do the oval blue-gill  
and the rune-shelled mussel  
spend their afternoons . . .  
when yellow birch shadows  
darken the placid pool?

What of the little water-spider  
(like some Ganges raftsmen)  
with leaden eyes,  
and a body  
brown as rotting wood?

Sit and angle, yokell! . . .  
doze under your straw-thatch  
and drool over your pipe-stem,  
dreaming only of fish  
sizzling on red coals! . . .

But the green heron and I  
will find content . . .  
large content . . .  
in the sweet silences,  
gathering endless lore  
of the tiny river-folk.

## ABOUT APPLES

R. J. Barnett, Professor of Horticulture

Apples to eat and apple cider to drink! What a picture of cheer and contentment is brought to mind. The old home place; October and harvest over; the family gathered around the open fireplace after supper; Mother reading a tale of frontier life. Peace and rest after a day's work descend on the household. Before long, at a nod from Father, brother George quietly leaves the room and in a few minutes returns with a basket of apples, Jonathan and Grimes, and a large pitcher of sweet cider. It was then that the real joy of the evening enveloped the family group, with health and happiness for pay. Bedtime was welcome and sleep was sweet. Such home life had much to do with the soundness and stability of our country. May the use of the apple again become universal.

Who has not noted and marveled at the way of a boy with an apple! His hand clutches it; his teeth tear it; his molars slightly crush it and then an expression betokening the acme of earthly enjoyment spreads over his sunburned face as the full sense of the good that is being done him pervades his consciousness. To satisfy this desire for fruit he will do violence to almost any of his usual rules of conduct. He will beg and whine for it if in the pantry. He will forget his manners and grab for it if on the table. He will fight for it if in the hand of another boy, not too large. He will risk life and limb for it if on the top of a tall tree. And, he will steal it if in a neighbor's orchard. Does this contain a lesson for parents in connection with the selection of food for the children?

When 100 food calories in bread cost 82 cents, salmon 5.95 cents, banana 3.26 cents, orange 5.84 cents the same amount of food value may be derived from apples for 1.72 cents.

Kansas has produced many famous race horses. Robert McGregor, 2:17 1-2; Myron McHenry, 2:15 1-2; Joe Patchen, 2:01 1-4, who was the sire of Dan Patch; and John R. Gentry, 2:00 1-4, were all Kansas born horses.

Farm women enrolled in agricultural extension poultry clubs last year raised 2,083,127 standardbred chickens. More than \$1,600,000 worth of chickens and poultry products were sold, in addition to the supplies used in the homes.

If the relations between tenant and farm owner are cordial, neither side worries about a long term lease.



## AMONG THE ALUMNI

Nora S. Dahl, '14, has moved from Montrose to 121 Fourth avenue, Leavenworth.

Margaret Rodgers, '12, has been dietitian at the Methodist hospital in Omaha, since April 1.

Christine Cool, '21, is teaching home economics, civics, and American history in the Wetmore high school this winter.

Donald C. Thayer, '20, asks that his address be changed from 815 Eighth street, Ames, Iowa, to Box 212, Station A, Ames.

Charles B. Pitman, '10, checks into the active membership roll from the Gramercy, La., Refinery of the Colonial Sugars company.

J. E. Beyer, jr., '22, writes from Pittsburgh, Pa., to request that his address be changed from 6328 Marchand street, to 527 Sheridan avenue.

F. E. Dowling, '17, asks that his INDUSTRIALIST be sent to Riverside, Ill., where he is enrolled as a sophomore in the dental school of Northwestern university.

Victor Obefias, '09, who is holding down one of the Aggie outposts at the Camarines Agricultural school, Camarines Sur, P. I., sends in his alumni dues.

R. R. Graves, '09, and Edith (Smith) Graves, '08, affirm that the house of Graves at Bethesda, Md., is tenanted with live ones by sending in their alumni dues.

The Rev. H. Ray Anderson, '11, pastor of the First Presbyterian church, Wichita, received the D. D. honorary degree Founders' day at the College of Emporia.

"This makes me feel younger but it makes my husband feel older," Elsie (Tulloss) McLean, '08, remarks as she checks in from Carpinteria, Cal., with her dues.

H. W. Schaper, '17, Mullinville, in renewing his membership in the alumni association makes belated announcement of his marriage May 23 to Pauline Teis, a graduate of Park college.

W. H. Koenig, 6407 Ellis avenue, Chicago, is another '22 eager to preserve his connection with the college by active membership in the alumni association.

Lillian Weeks, '14, took advantage of the Homecoming visit to pay her alumni dues. Since January 1 she has been employed as a technician in St. Joseph's hospital, St. Joseph, Mo.

Pauline Clarke, '15, writes from Whipple Barracks, Ariz., a word of complaint that the papers there don't print Valley conference football results. She likes to read about the Wildcat victories.

Rachel Clark, '17, Eskridge, sends in her questionnaire, a trifle late. She was on a trip through England, France, Switzerland, Germany, and Denmark, starting in June and returning in October.

Together with his membership renewal F. K. Hansen, '19, forwards the information that he has been appointed assistant state veterinarian for the upper Michigan peninsula with headquarters at Marquette.

Ravena (Brown) Martin, '19, Olean, Mo., who couldn't get back for Homecoming does the next best and checks in for active alumni membership. And here's her cheer for the game, "I am married to a Jayhawker but I am still an Aggie."

A letter from Olive Logerstrom, '19, bears her alumni dues and the news that she has moved from Madison, Wis., to West Allis, a suburb of Milwaukee, where she is teaching in the high school. Her address is 785 Seventy-fifth avenue, West Allis, Wis.

Ruth A. Harding, '20, is back at Emerson institute, Mobile, Ala., af-

ter a summer session at Columbia university. Among others she saw at Columbia were Miss Florence Heizer and Mrs. Doris Bugby Wendt. Gladys Gritz, a former student, is teaching in Emerson institute, Miss Harding reports.

Ruth (Gillis) Vaughn, '21, has moved from Kansas City to 111 Lakeview avenue, Cambridge, Mass., where her husband is taking a course in the Boston University School of Religious Education and Social service. Any Aggie in the Boston-Cambridge-Lowell region? Mrs. Vaughn wants to know.

Mame (Alexander) Boyd, '02, writes in from Phillipsburg that she was unable to attend the Homecoming on account of the demands made upon her time by her husband's campaign for congressman from the Sixth Kansas district on the democratic ticket. She is managing the correspondence and publicity end of the campaign.

N. Irene Miller, '20, 1415 West Sycamore, Denton, Tex., wishes for the college and the alumni association the "best year yet," and sweetens her wish with active alumni membership. Miss Miller is with the department of home economics, North Texas State Normal college and her chief duty is management of the demonstration cottage.

C. D. Guy, '20, who used to keep the college bulletin boards all decked out with signs, drove up from Argonia Friday night to take one more shot at the Jayhawk fowl. Guy has a brand new "Elizabeth" and he put it to good use by bringing along four members of his all victorious football team. He is principal of the high school eight hours a day and is coaching football the rest of the time.

### Down in Front!

There were 200 seats in the K. U. section that were not bought by the K. U. people and were sold to Aggie grads at the last minute.

Two hundred Aggies in the K. U. section added to the gaiety of nations. When the K. U. team was gaining the K. U. rooters would stand up and cheer and all the Aggies would yell:

"Down in front! Down in front!"

And when the Aggies made their gains and the Wildcat rooters stood, the K. U. bunch in its turn howled:

"Down in front!"

## BIRTHS

C. Bela Moore, a former student, and Harriet (Dunn) Moore, '13, Malta Bend, Mo., announce the birth July 1 of a son whom they have named Mendel Leonard.

W. A. Lathrop, '15, and Mrs. Lathrop, Downers Grove, Ill., announce the birth on October 23 of a daughter whom they have named Katherine Joseph.

L. L. Bouton, '11, and Myrtle (Hayne) Bouton, a former student, 156 Christie street, Leonia, N. J., announce the birth October 15 of a son whom they have named Frank Nathan.

Ivan A. White, '20, and Helen (Mitchell) White, '18, Weslaco, Tex., announce the birth October 23 of a daughter whom they have named Ethel Jean.

H. C. Gaden, '14, and Mildred (Hollingsworth) Gaden, '15, Selling, Okla., announce the birth August 27 of a son whom they have named Dean Robert.

V. E. Bundy, '20, and Mrs. Bundy, Topeka, announce the birth October 19 of a daughter, whom they have named Esther Elizabeth.

C. A. Frankenhoff, '18, and Mrs. Frankenhoff, Philadelphia, announce the birth August 24 of a son whom they have named Charles.

## LOOKING AROUND

OLEY WEAVER, '11

Three Missouri Valley conference games have been played by the Aggies; one a victory and two tied up at seven points each. That's stepping. But keep your eye on the final conference standing—the percentages at the close of the season. That's what marks the team's degree of success.

No conference team has a harder valley schedule than the Aggies. Washington, Oklahoma, Kansas, Missouri, Ames, Nebraska, and half of them out of the way without a defeat for the Aggies. Perhaps they won't win all of them—it may be too much to hope for. The thrill that comes to the home camp is in the way the Aggies fight.

Take that situation Saturday in the game with K. U. The Jayhawks drove the ball up within two feet of the Aggies' goal for first down. Three more chances to shove it over. The irresistible attack met an impregnable line. The goal was not crossed. The ball changed hands two feet from the line.

Reads like fiction, doesn't it? But a crowd variously estimated at from 10,000 to 15,000 saw the play and will vouch for the tale. That's the present day brand of Aggie fighting.

Time and again the Jayhawks, after the two weeks' rest their schedule provided, plunged deep into the territory guarded by the boys who only the week before had withstood the fearful attack of the Oklahoma squad. And every time save one the goal was defended successfully.

And remember, it was the Jayhawks making the drive. Mystery added to fiction! The Aggie team was in possession again of its own goat. Rumor has it that K. U. could not find its own.

It is reported that Mike smiled when he heard the score.

But the end of the season is not yet. The big boy of the conference is to be met at Lincoln. The Aggies have a real piece of work cut out for them before being privileged to lay aside their togs.

The number of victories, after all, is not the mark of the season's success, nor is the final conference standing. The question is, How did they fight? The Aggie team is answering that to the satisfaction of the Aggies.

Which reminds one that hundreds of alumni came home for the day and the game. They milled and they mixed, but register them? One could not. They knew no more about registry than a bunch of mavericks. They were a jolly bunch of pepsters, bubbling over with the old Aggie spirit. And they're going to build that stadium.

The crowd of 10,000 to 15,000—whatever the correct number may be—opened the eyes of that many thousand to the need for the whole stadium. The folks must have a place to sit when they come home. Three constructional units of the stadium were in use, just enough to whet the alumni appetite for all. And the alumni have vowed a vow. But more of that later.

### Legs Fractured, Drives to Game

With both legs in a plaster cast, Ralph Bowlby of Fairport drove 160 miles to see the Aggie-K. U. game. His legs were held up by a blanket, and he operated the foot brakes of his Ford car with his hands.

It was while he was playing polo on a cowboy polo team in Fairport, that

his horse fell on him and broke both his legs; but Mr. Bowlby, who was a football man himself in 1908, could not stay away from the Aggie classic for such a small matter as that.

He sat on the side lines with his feet out straight in front of him and cheered as enthusiastically as any freshman for the Aggie team.

When he started home at 6:30 that evening, with a sandwich and a couple of cigars for company, he declared that the game had been worth the trip.

### Rides Home on a Bareback Ford

And so Charles C. McPherson, '22, came back for Homecoming riding on the back end of a little cut down "bug" Ford with his wife Vera Samuels McPherson, '19, and E. F. Stalcup, '22, riding in the front seat.

"A hundred and fifty miles on the back end of this little rascal is no joke," said McPherson as he climbed off the back end of the "whoopie" and straightened himself out. "But you see the Mrs. didn't make up her mind to come until the last minute, and then it was up to me to sit on the back end and make room for her," finished Mac with his usual boom of good natured laughter.

McPherson was the successful manager of the students' division of the stadium drive. As president of the Students' Self Governing association he was largely instrumental in putting across the varsity activity fee which is helping materially to put Aggie intercollegiate activities on their feet.

### Salisbury to Stadium Corporation

Morse Salisbury, '23, city editor of the Manhattan Morning Chronicle ever since the paper was started, is severing his connection with it to take charge of publicity for a field campaign for the raising of money to complete the building of the memorial stadium. He is succeeded by George A. Montgomery.

"The management of this newspaper regrets to lose Mr. Salisbury and desires to make acknowledgment of his valuable services," the Chronicle commented editorially. "He is an exceptionally good newspaper man and we predict for him an honorable and useful career."

### Aggie Teachers Meet at Hutchinson

Alumni in attendance at the sectional teachers' meeting at Hutchinson last week got together with the alumni and former students of Reno county Friday evening for a 6 o'clock dinner at the Rorabaugh-Wiley tea room.

Harold T. English was toastmaster. E. H. Teagarden, '20, Edna Wilkin, '20, A. H. Montford, '13, and Clytie Ross, '16, made short talks.

"We did not have a great deal of time at this meeting," writes one of the alumni, "but we sure made time count while we were there. I can say for all that attended that they had a good time and we got back our old Aggie spirit and pep."

### These were present:

A. H. Montford, Clara (Johnson) Montford, R. E. Lawrence, Theo. L. Shuart, Lawrence Byers, Mr. and Mrs. E. D. Harold, Harold T. English, Mary (Lemon) English, and Alice Dale Newell, Hutchinson; Edna Wilkin, Alma Wilkin, C. O. Chubb, E. H. Teagarden and Nina (Williams) Teagarden, Nickerson; Betty Lyman, Clearwater; Marianne Muse, and Florence McKinney, Great Bend; Vera Lee, Cullison; Eva Leland, Maize; Mary D. Russell, Lakin; Elma Stewart, Arkansas City; Pearl Miltner, Wichita; Cora Williams, Attica; Ruth Ghormley, Plevna; Marian Sanders, Bloom; Homer J. Henney Cottonwood Falls; Vernon E. Paine, Madison; Sue Unruh, Dodge City; Anna Spence, Concordia; Clara Cramsey, Plains; Virginia Messenger, Wakefield; Carol Knostman, and Mildred Bobb, Newton; Queenie Hart, Trousdale; James L. Jacobson, Kingman; Vera Cates, White-water; Mary Alice Gish, Sterling; and Clytie Ross, Chase.

### C. B. Kirk, '06, Injured

A letter from his wife brings the information that C. B. Kirk, '06, was seriously injured at his work in the oil fields at Somerset, Tex., where he is field manager for the Ohio-Somerset Oil company.

### K. C. Alumni to Fete Aggie Team

Alumni of Greater Kansas City got together for supper October 26 at the Linwood Boulevard Methodist church to discuss measures for a successful stadium campaign in their city. Word went out that a half million dollars was the price of the memorial stadium, and Kansas City is ready to raise its quota. A committee to survey the prospects was authorized at this preliminary meeting, and J. H. Anderson, '12, president of the Kansas City, Mo., alumni, took the matter of appointments under advisement.

It was the desire of the alumni, expressed at the meeting, that both cities work as one and that H. J. Waters, former president of K. S. A. C., head the campaign.

Upon learning that the Aggie football team would be in Kansas City November 2 on its way to meet Missouri, the alumni began preparations for a reception and supper. The team will be met at the union station by Aggies with motor cars and escorted over Kansas City boulevards and then to the Ivanhoe Masonic temple for a reception and dinner. Preparations are in charge of C. A. Patterson, '14, Wyandotte county agent. H. C. Rushmore, '79, dean of Aggie alumni, is in charge of the dinner. Mike Ahearn, director of athletics, who will accompany the team, will make the oration.

While the Aggies are at the dinner table Prof. H. W. Davis of the English department, the "H. W. D." of THE INDUSTRIALIST Sunflower column, will tell the world of Aggie stadium plans through the courtesy of the Kansas City Star. His speech will be broadcast by radio from the Star's studio as a part of the educational program between 6 and 7 o'clock, and will be picked up and reproduced over a loud speaker at the dinner table.

Mr. Rushmore's daughter gave a musical program at the supper. Oley W. Weaver, alumni executive secretary, talked over stadium plans with the 50 alumni who attended.

### Satisfied?

"Well, we sure made a killing today, even if we didn't pick that Jaybird," said an old grad as he slapped his companion on the back after the K. U. game Saturday.

"Humph, how do you figure?" asked grad number two, "K. U. evened the score."

"We surely did knock that old Jinx cold, anyway. Why, look at the spirit man, can you beat it? Those Aggie warriors went into that game as though they meant to fight—not with the old spirit of 'This is K. U., we might as well quit right now.'"

"Guess you're right there, but I wanted to see a win. I was disappointed."

"If you had seen those boys play at Oklahoma and had seen them get laid out and crippled up, one after another, you would be tickled green to think that we held the ancient foe to a tie."

"All right, all right, old man! Don't get up on your ear about it. We'll come back for the massacre next year, and I'm darned glad we weren't beaten."

This little bit of conversation, overheard after the game Saturday, expresses the consensus both of the alumni and of the student body. Even though the Wildcats did not treat the Jayhawks to the score that all boosters for K. S. A. C. were anticipating, most of the spectators breathed a sigh of relief when the final whistle sounded.

They wildly shout "On to Nebraska!" and smile happily in the knowledge that K. S. A. C. stands with Nebraska and Drake in the 1000 column.

### Let's Go!

"I am anxiously awaiting my opportunity to help on the fine new stadium, along with the other alumni activities. Let's Go!" challenges Elizabeth J. Agnew, '00, from her office as dean of women at Hays.



## SPUD SHOW NEXT WEEK

EARLY INDICATIONS POINT TO BIGGER EVENT THAN LAST YEAR'S

Annual Event of Potato Growers to Be Held at Topeka November 8, 9, and 10—Noted Specialists Invited to Appear on Program

Entries to be made in the Second Annual Potato show at Topeka November 8, 9, and 10 indicate that the show will be twice as large as the one held last year in Kansas City. The samples of Kansas grown potatoes entered last year made a poor showing when compared with the same varieties grown in South Dakota, Minnesota, or Wisconsin. The poor showing of last year has acted as a stimulant to the Kansas growers and has caused them to select and store their samples more carefully.

Besides a large display of Kansas grown potatoes there will be a display of different varieties from other states. There will also be a large exhibit of Kansas grown sweet potatoes. The exhibits will be judged on the second day of the show and the prizes and ribbons will be awarded at that time. Prizes are being offered for the best results obtained in tests which have been made in controlling diseases and of treating seed.

### AUTHORITIES ON PROGRAM

An extensive three days' educational program has been partially arranged. A number of noted specialists have been invited, among whom are Wm. Stuart, horticultural and potato expert of the United States department of agriculture; Dr. H. H. Harte, authority on sweet potatoes, United States department of agriculture; A. G. Tolas of the University of Minnesota, chief inspector of registered potato seed for the state; and L. Sweet of Colorado who is known for his work in potato improvement and production. Prof. G. W. Brann of the University of Wisconsin will be one of the judges. Representatives from the various railroads and from the large commission companies at St. Louis, Chicago, and Denver will be at the show. Speakers representing most of the potato growing counties of Kansas will be on the program.

### TO REPORT ON TESTS

Reports of progress on experimental work will be given by the growers from the various parts of the state concerning the results of the cooperative experiments dealing with seed treatment, spraying, and variety yields. An extensive exhibit of the most common and important plant diseases attacking the potato, artificial cultures of the organism producing these diseases, and numerous charts showing the results of control measures will be on display.

### AND SO THEY BURY JINX

(Concluded from page one)

first game in which the two schools engaged back in 1909. Beginning with 1916 the Aggies and M. U. have met every year except 1918, the war year.

### FROM THE PILOT'S LOOKOUT

(By Burr Swartz, Aggie Quarterback, Journalism '24)

Hahn's run will go down in history and the exhibition of football that he displayed throughout the game will go far toward landing him a position on the all valley and all western teams.

McAdams is an excellent ball lugger, a good line plunger, a passer, and one of the best kickers in the valley. He is almost assured of an all-valley berth.

Ding Burton played a good brand of football considering that he has been in only about twenty minutes' scrimmage all season. "Ding" put

on bandages till there wasn't any room left for any more.

Stark was unable to show his usual speed, due to injuries.

Kansas' off tackle play from their punt formation was their best ground gainer. It is a very strong play and the Aggie forwards were unable to solve it. The Aggie backs took care of the passes pretty well, except one which went through for a touchdown. It was tipped by an Aggie back but not enough to stop the impetus of the ball. More Jinx—K. U. scores on a pass that should have been knocked down.

The Aggie line proved its superiority over the Kansas line on the one yard line. Isn't that a good place to prove it?

C. E. McBride, sports editor for the Kansas City Star and referee of the game, is a splendid official. He is quick to see things and sees lots of them. He makes the game fast and keeps a good feeling between the two teams.

The Kansas ends were musing our forward passes. The center also was spoiling our off tackle play. "This will be stopped," says Mr. Bachman.

Marion Stauffer, tackle on last year's team, is recovering from a severe illness and is now able to write. The team of this year misses Stauffer and the confidence he put in his team mates. We hope he'll be able to be with us next fall.

Coach Bachman has a blue suit. Maybe you have noticed it. When he has worn this suit to games he has never lost. He had it on last Saturday. We cannot name the brand for it might embarrass the coach, and again the writer would be charged for advertising space.

Burt, fullback for Kansas, played high school football with Susie Sears at Eureka. Burt planned to attend school here until K. U. coaches took a trip to interview him. Which illustrates the point that in order to get good athletes it is often necessary to go after them.

## PHOTOGRAPHS OF AGGIE WAR HEROES ENLARGED

Framed Composite Picture Containing 45 Figures To Hang in Anderson Hall

Enlarged pictures of the 45 Aggie men who lost their lives during the war have been made by F. E. Colburn of the illustrations department. They will be assembled into a composite photograph and mounted in a single frame, designed by C. F. Baker of the department of architecture. Attached to this frame will be a catalogue with the scholastic and war record of each man. The memorial when complete will be hung in Anderson hall.

The size of each picture is 7 by 11 inches. The photographs are finished in a deep sepia. The originals of some of the pictures were snapshots.

The names of the 45 men on the K. S. A. C. honor roll are Henry C. Altman, Emory Ellsworth Baird, Ralph V. Baker, Joseph P. Ball, George Otto Beeler, Walter Blackledge, Walter Otto Bruekmann, MacArthur B. Brush, William T. Cleland, Willis Edward Comfort, G. A. Cunningham, Glen W. Davis, Warren L. Day, Floyd E. Dehon, Curtis Verlan Findley, Floyd Leslie Fletcher, George R. Giles, Ray F. Glover, Lester Hamill, Lester Hannawald, Harry R. Heim, Carrol D. H. Hodgson, George Arthur Hopp, Harry Frank Hunt, Calvin F. Irving, Charles Shester Jones, Wilbur F. Lane, Carl Lasswell, Roland H. Leedy, Walter McKinney, George Ward McVicar, Glen G. Nicholas, Dalbert T. Pollock, Cedric H. Shaw, John Slade, Joe Raymond Spear, Frank E. Sullivan, Fred F. Taylor, I. I. Taylor, George Titus, Loyd Vorhies, Edward David Wells, George L. Wingate, Leland Earl Bates, Clede Keller.

## WALLACE TALKS HERE

SECRETARY OF AGRICULTURE DISCUSSES FARM FINANCE

Tells Story of War Corporation's Revival to Aid Distressed Agriculture—Gives Address at K. S. A. C. Assembly

Referring to the demands which led up to the revival of the war finance corporation and which resulted in providing for agricultural representation on the federal reserve board, Secretary of Agriculture Wallace, speaking on the agricultural situation at student assembly Thursday, said:

"During the winter of 1920-21 and the following spring, there was a persistent demand by the farmers that the activities of the war finance corporation be extended and that agricultural representation should be added to the federal reserve board. The experience of the year preceding convinced the farmers that agriculture was not being fully considered in the administration of our larger credit machinery, especially by the federal reserve board. They were convinced that the effect of some of the policies of the board was to depress prices of farm products. They knew that the board had helped inflate prices and they felt that it had a good deal to do with deflating farm prices.

### CONGRESS HEEDS DEMANDS

"Congress heeded the demands of the farmers and in August, 1921, enlarged the activities of the war finance corporation, and later provided for agricultural representation on the federal reserve board. The story of the war finance corporation is interesting. It was created originally to help finance exports. In the spring of 1920 the secretary of the treasury suspended its activities. When farm prices began to crumble later in the year efforts were made to persuade the administration to revive the corporation, but without success, these efforts being denounced as agitation to maintain prices.

"When congress met in December it promptly passed a resolution directing the secretary of the treasury to revive the War Finance corporation. This resolution was opposed by the secretary and when passed it was vetoed by President Wilson. Congress promptly passed the resolution over the president's veto, but the corporation did not function actively until the new administration came in in March, 1921. Later in the summer congress authorized the corporation to carry financial help directly to domestic agriculture. This help was given through the banks. It had to be. There was not time to set up the machinery for loaning to individuals. Banks in agricultural states were overloaded with farmers' notes which could not be paid without great sacrifice.

### RELIEVES BANKS

"The war finance corporation took these notes from the banks as collateral for loans. This relieved the banks, enabled them to carry their farmer customers and to loan more freely. Within a few months 7,000 loans were made to banks in agricultural states, amounting to more than \$200,000,000. Eighty-four million dollars was loaned direct to livestock companies and banks upon livestock security and \$64,000,000 was loaned direct to farmers' cooperative marketing associations.

"Some people seem to think that the farmers are trying to arrange things so they can borrow money more freely than they should. They are wrong in this. What the farmer wants more than anything else just now is to pay off his debts instead of going deeper in debt. He wants better prices for his farm products so he can pay his debts more easily, and he has a right to demand that our national credit machinery be so administered as to give agriculture a square deal. He has a right to de-

mand that the federal reserve board policies shall not be such as to unfairly depress prices of agricultural products."

## WALKER, MALLON, BRADY PUT ON ONE ACT FARCE

Alumni Heroes Fight for View of K. U. Game Which Aggie Tradition Almost Obliterates

The sport writers did yeoman service at the Homecoming game last Saturday, but there was one event they all forgot to mention. That was the civil war down on the sidelines between an old Aggie tradition and two Aggie heroes.

Carroll Walker, end on the famous team that scored against K. U. back in 1906, and Carl Mallon, '07, Mike's all Aggie left half back, and the man who made the famous touchdown against K. U. in 1906, had been placed by the reception committee just where they should have been—down in the seat of honor along the sidelines, where they could watch the game in true alumni style.

But in picking out a place of vantage the reception committee forgot to take into the reckoning Colonel Brady, K. S. A. C.'s grand old man. Now for a tradition the grand old man is a pretty concrete affair. In fact, that is just what caused the schism. Colonel Brady is a well intentioned tradition, but he is more apt than not to forget now and again his materialistic propensities.

This seemed to be the case last Saturday, for just after the heroes had been seated advantageously the tradition walked up and proceeded dexterously to obliterate nine tenths of the gridiron for them. And there the matter stood (or, rather, sat) for a moment. Heroes, you see, are heroes; and, yet, on the other hand, a tradition is a tradition—especially in the case of the grand old man.

Presently, however, the heroes decided to apply a jot of humor to the situation. Innumerable were the pointed jibes directed toward the elephantine tradition; countless were the insinuations that something especially definite was keeping the heroes from getting all to which their eminence entitled them. But the tradition was intent upon the game, and the jibes and the insinuations rolled unheeded off his back. And thus it was that matters came to a head, as the historians say. Suddenly the tradition rose enthusiastically from his stool to cheer on the hard pressed Wildcats. The heroes, being incapacitated for seeing anything to make them enthusiastic, and having had their entire attention directed toward the grand old man, immediately heard opportunity knocking and answered the call by appropriating the stool.

The descent of Colonel Brady was altogether too hard on the dignity of the grand old man, and he turned, snarling as only a grand old man can snarl. He found the heroes in hot strife; Mallon believing that Walker, who had taken the stool, was about to return it, and being firmly resolved that the only place for the dais was over the fence and out of the tradition's reach. Only a futurist could describe the next few moments. The insulted tradition, besides being insulted, loves a fight as only a tradition can, and at once joined in the battle. In the course of the military operations he was slapped. Being slapped is too much for any tradition, much less one that is a grand old man, and Colonel Brady threw his entire energy into a terrific offensive.

That wholesale anarchy would have resulted but for the kindly and timely mediation of A. A. (Doc) Holtz, Y. M. C. A. secretary, is certain. At any rate the shadows of a dim past threw the struggle out on the field into a deep dark shade for a number of interesting moments, and the tradition could be seen tucking a new war lock into his bonnet as he again resumed his seat in front of the heroes.

## TALK ON STAR'S RADIO

K. S. A. C. PROFESSORS GIVE SERIES OF ADDRESSES

Dean Opens with Discussion of Chinch Bugs—Davis on Thursday with Stadium as Subject—Farrell, Dickens, Burr, and Call Later

Kansas State Agricultural college faculty members are to appear on the Kansas City Star's radio program during the next few weeks, the series having started last week with an address by George A. Dean, professor of entomology. Professor Dean talked on "Controlling the Chinch Bug." F. D. Farrell, dean of agriculture, will appear on the program in the near future. He will speak on "What the Farmer Needs." Others who will give addresses are L. E. Call, professor of agronomy; Albert Dickens, professor of horticulture; and Walter Burr, professor of sociology.

H. W. Davis, professor of English, will appear on the Star's radio program Thursday night of this week. He will talk about the Aggie Memorial stadium.

Professor Dean's address, in part, was as follows:

### BUGS THREATEN FOUR STATES

"Half a day's work on every farm in this part of the country may save \$15,000,000 worth of crops in a state. Chinch bugs are threatening Kansas, Missouri, Nebraska, and Oklahoma. Considerable damage was caused last summer. The bugs have now gone into their winter quarters. This has been discovered by surveys made by county agents and investigators at the agricultural colleges and experiment stations.

"The chinch bug is the most serious insect attacking corn, oats, rye, barley, and the sorghums. With the exception of the Hessian fly it is the worst insect attacking wheat. On an average it destroys, in the United States, crops amounting to \$40,000,000 per annum. In 1910 it destroyed \$15,000,000 worth of crops in Kansas. It repeated this damage in 1912. Missouri, Nebraska, and Oklahoma have experienced similar losses. Conditions are ripe now for a repetition of this damage.

### COOPERATION NEEDED

"This is the time of the year to start work against the chinch bug. Right at this time, during the fall and early winter when the bugs are in hibernation, the insects can be systematically destroyed. On the average farm half a day's effort, with almost no expense, is sufficient. When all the farmers in a township or county get together and conduct such an early campaign there is ample protection for next year's wheat, oats, rye, corn, and sorghums. The bugs attack these crops particularly. Summer control measures are much more difficult and expensive. They are unnecessary, however, if the fall campaign has been carried out effectively.

"Where the bugs have caused injury during the past season, 98 per cent of them will be found this fall hibernating in the clump-forming grasses, such as bunch grass and bluestem growing in meadows, pastures, ravines, waste places, and roadsides. Where these bug-infested areas are systematically burned in the fall the chinch bug problem is solved for the ensuing year."

Potatoes stored under proper conditions should not sustain a loss in storage of more than 5 per cent, but under poor conditions the loss may be as high as 20 per cent.

Hens must be in good flesh if they are to become good winter layers. Feeding a good dry mash supplemented with a limited amount of fresh meat will give the hens a reserve of fat.

Concrete feeding floors for hogs should be five inches thick and should have a concrete apron around the edge, extending deep enough into the ground that the hog wallows will not undermine the floor.



# THE KANSAS INDUSTRIALIST

Volume 49

Kansas State Agricultural College, Manhattan, Wednesday, November 8, 1922

Number 8

## WILDCATS WIN AGAIN

**AGGIES DEFEAT M. U. IN BEST PLAYED GAME OF SEASON**

**Team Finds Itself in Smashing Offensive Which Turns Back Missouri 14 to 10—Brilliant Aerial Attack Responsible for Victory**

The Aggie Wildcats returned Sunday from Missouri university with the "lost" column in their percentage sheet still filled with an 0. In their best played game of the season they defeated the Tigers 14 to 10. Early in the second quarter the line ripped open a hole for Sears to plunge through for a touchdown after a period of brilliant slashing football by the whole team. In the last session Stark went over for another after a fast bit of bewildering aerial work. Sebring kicked both goals.

The Missouri team, or rather Mr. Lincoln, halfback, made the Tigers' 10 in the third quarter. Lincoln made most of the yardage, made the touchdown for six points, kicked goal for another, and later contributed a kick from placement for the remainder of the 10. His slashing runs made things look bad for the Aggies.

**COME BACK BRILLIANTLY**  
But the Aggies came back in the final turn and amazed both Tigers and rooters by their brilliant forward passing. Once they lost the ball on Missouri's four yard line. After the punt they started in and worked back again and went over before anybody realized what had happened. When the whistle blew they were almost over again.

The victory over Missouri marks the two-thirds point in the Missouri valley race. The Wildcats have won two and tied two. Each game they have played has been a win-it-or-die struggle for their opponents. Washington, Oklahoma, Kansas, and Missouri have each felt it necessary to beat the Aggies to save their self-respect and preserve their reputations at home and abroad.

**STIFFEST SCHEDULE**  
It has been the stiffest schedule any team has been up against in the Valley so far, and with Ames coming next Saturday and the husky Huskers in the offing it does not seem to be losing any of its stiffness. Ames must beat us to save itself from disaster and Nebraska must beat us to keep its record clear.

Never before have the Aggies had a harder schedule and still that "lost" column is empty. With a victory over Ames Saturday they will have something big to fight Nebraska for.

**TEAM FINDS ITSELF**  
The Aggie offensive was at work with the bits in its teeth down at Columbia. The men had all fully recovered from the bone crushing struggle at Oklahoma and were up on their toes fighting. "Tom" Sebring was back with his old time punch and Swartz at quarter showed the best generalship of his career. Sears, Stark, Harter, and Lasswell were also going good. Indeed, the whole team seemed to find themselves all together for the first time this season.

Aggie rooters are consequently clamoring more and more insistently for the preservation of that hole in the red side of the ledger. Aggie alumni who can come home again next Saturday and be in Lincoln on November 18 are hereby warned that they will miss something if they don't.

**FROM THE PILOT'S LOOKOUT**  
(By Burr Swartz, Aggie Quarterback, Journalism '24)

Lincoln of Missouri is an excellent player, especially a good ball

luggie. But his passing didn't get over last Saturday. He tried to pass a couple of times but the Aggies downed him while he was trying to pick his man.

It was a game between a line smashing club and an open football team. The open style evidently is the better.

It certainly took a hard hearted person to look into the eyes of the 11 Missouri players who were crying and then call a pass time after time, all for good gains. The Missouri team was dumb in the face of Aggie passes.

The Missourians were contented that the better team won. They said that the Aggies were the best coached team they had seen.

"No team in the valley can stop those passes," said the Tiger backs after the game.

The Wildcats should have scored another touchdown and possibly two. Sebring just barely missed a pass from Stark, when the latter was behind the goal line. The pilot was carried out of bounds on the three inch line. Now isn't that the berries?

The headlinesman got balled up on his downs and gave Missouri the ball after the Aggies had had but three downs. We were on Missouri's five yard line and the next play would have meant a touchdown. It was reported that Stark fumbled but it was a mistake. The press box couldn't figure how else Missouri could have got possession of the ball.

In a closer game this decision would have been a costly error to the Aggies.

The Aggies received about 100 telegrams from folks in Manhattan. These sure instill vim and fight into the team.

The Missouri players and rooters are certainly a fine bunch of clean sports. The Missouri game was one of the cleanest the Aggies have played in this year.

**ADVANCE SEAT SALE FOR ARTISTS SERIES HEAVY**  
Good Attendance For Opening Number Indicated

That the Criterion Male quartet, which is booked to present the opening number of the enlarged Artists series program here tonight will play to a well filled house is assured, according to an announcement by the management. The seat sale late Saturday evening was considerably in excess of the amount disposed of at the same time last year and the rush with which the sale picked up yesterday indicates that the record is going to be established.

The program which will be presented by the male quartet was also announced yesterday by Prof. Ira Pratt. It promises to be an unusual entertainment. The program is widely varied and arranged to appeal to all classes of people and ranges all the way from the most difficult classical selections to popular numbers.

An extension circular, "In The Field With The Potato Growers" has been written by E. A. Stokdyk, extension plant pathologist at the Kansas State Agricultural college. It deals with the history of the potato improvement work that has been carried on in the Kaw valley for the last two years. The circular is the result of demonstrations and experiments on seed treatment, spraying and soil fertility maintenance that have been conducted during that time.

## SCRIBES TO MEET HERE

**NATIONAL SIGMA DELTA CHI CONVENTION NEXT WEEK**

Delegates from 37 Chapters to be Guests of K. S. A. C.—Date Changed to November 16, 17, and 18—Dance, Smoker, Banquet

The national convention of Sigma Delta Chi at Kansas State Agricultural college originally scheduled for November 16, 17, and 18, has been advanced one day and will be held on November 15, 16, and 17. Delegates from 37 chapters will be in attendance. The entire K. U. chapter plans to attend and Iowa State college expects to send a delegation of four or five members.

The program for the conclave includes addresses by leading men of the profession, a smoker, a banquet, a dance, a luncheon, and a trip to Topeka, besides ordinary convention business. The realization of the responsibility of entertaining as important a gathering of national college journalists has obligated the local chapter in obtaining the best speakers available. According to the present arrangement, all official business will be concluded in time for a trip to Topeka and an inspection tour of the plant of the Capper press.

**TO MEET BUSINESS MEN**  
A smoker and get acquainted session with the local business men will take place Wednesday night. A dance is planned Thursday, and a big wind up banquet will be held the last evening of the convention.

**PROGRAM IN DETAIL**  
The program is as follows:  
Wednesday morning—8:00—Opening of the convention. Address of welcome. Afternoon—1:00—Business session. Appointment of committees. Committee meetings. 4:00—Reconvene. 8:00—Convention smoker.  
Thursday morning—8:00—Reconvene. 12:00—Luncheon with Theta Sigma Phi. Afternoon—1:00—Reconvene. 8:30—Convention dance, Recreation hall.  
Friday morning—8:00—Reconvene. Committee reports. Afternoon—1:00—Reconvene. Committee reports, 8:00—Convention banquet: Speakers, Charles M. Harger of Abilene and Marco Morrow of Topeka.

**CONRAD ATTENDS MEETING OF NATIONAL HIGHWAY BOARD**

**K. S. A. C. Civil Engineering Head Reports on Work Here**

Prof. L. E. Conrad, head of the department of civil engineering at K. S. A. C. attended a meeting of the national highway board in Washington, D. C., October 26, 27, and 28.

Professor Conrad is chairman of a subcommittee on highway research. He reported on the investigation work carried on at the college. While in Washington he visited the bureau of standards and the offices of the public roads bureau.

**SHORT COURSE FOR LIVESTOCK SHIPPING MANAGERS GOING ON**

**Talks and Demonstrations on Kansas City Program**

The fact that on a recent day every shipment of hogs received at a mid-western terminal market was from a cooperative shipping association is one of the reasons why the two day short course for livestock shipping association managers in Kansas City today and tomorrow is important, according to the committee in charge.

The short course is for managers, officials, and members of livestock shipping associations in Kansas, Nebraska, and Missouri. It is under the direction of the agricultural extension services of these three states and the United States bureau of agricultural economics.

Better grading methods and better

## THE SCHEDULE

October 7—Washburn 0, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22.  
October 21—Oklahoma 7, K. S. A. C. 7.  
October 28—Kansas 7, K. S. A. C. 7.  
November 4—Missouri 10, K. S. A. C. 14.  
November 11—Ames at Manhattan.  
November 18—Nebraska at Lincoln.  
November 30—Texas Christian university at Manhattan.

business methods will be taken up in the program. A grading demonstration will be given in the stockyards today and in a trip through a packing house cooling room tomorrow the carcasses of the animals graded will be examined. Talks by specialists from three state colleges and round table discussions led by managers of shipping associations will make up a large part of the program.

## WILLIAMS' TALK FIRST IN EDUCATIONAL SERIES

**K. S. A. C. Professors To Give Addresses On Modern Problems Every Two Weeks Till April**

C. V. Williams, professor of vocational education, Monday afternoon gave the first number of a series of addresses on modern educational problems arranged by the department of education for the present school year. Professor Williams spoke on the subject, "Federal and State Aid for Public Education."

All seniors who are preparing to teach next year are expected to attend these lectures. The faculty, city teachers, and others are especially invited to attend. The lectures will be given the first and third Monday afternoons of each month, as follows:

November 20—"Development of Supervision"—Prof. W. H. Andrews.  
December 4—"Some Studies of K. S. A. C. Statistics"—Prof. V. L. Strickland.  
December 18—"The Report of the Kansas School Code Commission"—Prof. E. L. Holton.  
January 22—"Vocational Home Making—its Problems and Opportunities"—Assoc. Prof. Margaret Edwards.  
February 5—"Predicting School Success by means of Mental Tests."—Prof. J. C. Peterson.  
February 19—"The Problems of the State Vocational School"—Asst. Prof. A. P. Davidson.  
March 5—"Carrying the College into the Home"—Prof. George Gemmell.  
March 19—"Psychology of Music"—Asst. Prof. P. P. Brainard.  
April 2—"Mental Tests as a Means of Raising Standards of Scholarship"—Miss Orpha Maust, fellow in psychology.

## ANNUAL Y. W. DRIVE AMONG FACULTY OF COLLEGE TODAY

**After Midsemesters Students Will Be Asked to Give**

The annual Y. W. C. A. finance campaign for the faculty members was on yesterday and today, November 7 and 8. Letters were mailed Monday to all the faculty announcing the drive.

Miss Ruth Trail, vice-president of the board, has charge of the campaign, and Dean Van Zile, Miss Mary Worcester and Miss Margaret Edwards are assisting her. Each of these four members of the board has six other faculty women helping with the drive.

Plans had been made to begin the finance drive among the students this week also, but on account of the mid-semester finals, the campaign has been postponed until next week.

In sweetening power, honey will replace sugar measure for measure.

## AGGIES TALK BY RADIO

**DAVIS AND FARRELL BROADCASTED BY K. C. STAR**

**English Department Head Gives Address on Stadium—Dean of Agriculture Has Subject of "What the Farmer Needs"**

Two members of the K.S.A.C. faculty delivered addresses which were broadcasted by radio by the Kansas City Star last week. Prof. H. W. Davis, head of the English department, talked Thursday night about the K. S. A. C. memorial stadium, announcing that a drive will be carried to alumni and friends of the college in the near future to complete the structure. F. D. Farrell, dean of agriculture, spoke Saturday night on the subject of "What the Farmer Needs."

Prof. Albert Dickens, head of the department of horticulture, will speak on "Improving the Home Place" Friday night of this week.

**MEMORIAL EMPHASIZED**  
Professor Davis' address, part of which follows, emphasized the memorial features of the stadium:

"The memorial stadium now being erected at Kansas State Agricultural college is intended primarily to commemorate the sacrifices made by hundreds of K. S. A. C. boys and men during the world war. Many of these gave their lives, many others surrendered health and comfort for the rest of their days, all gave up peaceful homes for the rigors of war. A feeling that this sacrifice must never be forgotten, that gratitude should be expressed in a memorial acceptable and beneficial to young life—for the sacrifice was largely of young life—has crystallized in the movement to build a stadium with funds provided by those whose sense of gratitude impels them to the giving of those funds.

"Within a very short time the 3,000 alumni and the many hundreds of friends of K. S. A. C. will be given an opportunity to make their offerings for the memorial stadium. Three hundred thousand dollars is needed to complete the structure and enable it to render the truly big service planned for it. It is not merely a place for the seating of crowds who come to witness intercollegiate athletic contests, although that one purpose might well justify its erection in these days of insistence upon wholesome outdoor intercollegiate sports.

**TO DEVELOP INTRAMURALS**  
"The new stadium will make possible the development of intramural athletics until every young man and woman can be given the privilege of taking part in his favorite form of recreation. No gymnasium could possibly provide facilities that would make this work attractive or profitable, for America insists upon outdoor, competitive team games that teach cooperation and respect for regulation. Nothing but a completely utilized stadium can make this program possible in an institution the size of the agricultural college.

"The memorial stadium is also to be a home for community drama and pageantry. It will provide a place for May-day celebrations and seasonal festivals of all kinds. Such group activities are now being stimulated and fostered by the college. It is essential that a proper setting be provided for them. They give a training in community endeavor that is both attractive and educative. The stadium will also make possible the development of agricultural and industrial fairs.

"But Kansas State Agricultural college takes hope from the success (Concluded on page four)



## THE KANSAS INDUSTRIALIST

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W. M. JARDINE, PRESIDENT... Editor-in-Chief  
N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLBY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. M. A. Crawford is head.

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WEDNESDAY, NOVEMBER 8, 1922

### LAW—AND LAWS

"You cannot break the laws of nature and not be punished," said the barber, sententiously and fatuously.

"You cannot break the laws of nature at all," said his customer through a mouthful of lather.

"You can break a law of the state," continued his customer. "You may be fined or imprisoned for doing so, but that does not affect the fact that you broke the law."

"You cannot break the laws of nature. There is no such thing as breaking the laws of nature. People who talk about being punished for breaking a law of nature do not know what they are talking about. They do not know what a law of nature is."

"Anyone who talks about breaking the laws of nature thinks of these laws as corresponding to laws by a legislative body. He harks back to the metaphysical and political bunk common a century or so ago."

"Laws of nature have no resemblance to laws passed by any legislative body or imposed by any ruler. They are not a set of neatly codified enactments made by the Creator, who exacts a likewise neatly codified penalty when his laws are broken. The laws of nature are simply statements of the uniform way in which natural events occur under given conditions. If a supposed law of nature is broken, it means that it is not a law. If an apple sometime remains suspended in the air without support, it will not mean that the apple has broken the law of gravitation and therefore will be punished by Almighty God according to the penalty that he has set down for breaking the law of gravitation. It will mean simply that the supposed law of gravitation is no law, or that it at least requires modification before being accepted. A scientific law is simply a statement of the unvarying truth about natural phenomena."

"Misunderstanding of the distinction between the laws of nature and the laws of organized government is responsible for much of the hazy and downright ridiculous thinking on both political and scientific subjects. It is responsible for the failure to understand the function of science. It is responsible for the absurdly great confidence expressed in the ability of humanly enacted laws to approximate the human race to perfection. It is responsible for scores of other silly fallacies."

"Yes," said the barber, "I agree with you—you can't break the laws of nature and get away with it, can you? Now how about a nice massage?"

### CORN TASSELS

A. D.

One of the girls was complaining that the summer resort where she spent her vacation was a dead place as a hair net lasted her for two weeks.—Parsons Daily Republican.

"What," queries the Atchison Globe, "has become of the old-fashioned boy who tried to whip the principal and superintendent of schools?"

One established seniority right that is going to remain in effect till the last sun withers in the wrinkling skies, is that of wifey to park her clothes in the closet first.—Washington Palladium.

"In movies the best acting is done by the dummies that fall over precipices," cynically remarks the Atchison Daily Globe.

Perhaps the car to the right has the right of way, but that doesn't get you out of the graveyard.—Bonner Springs Chieftain.

"It's unfair to say that women give away secrets," sagely observes the Washington Palladium. "They don't any such thing. They always swap them for other secrets."

The Atchison Globe is responsible for the following hot shot: "What makes the modern girl gad around so much?" a reformer asked. And a frank man nearly snorted, "She's hunting her mother."

Marriage with no bank account is like buying a high priced car on payments. The darn thing will likely be busted up 'fore the obligations are all cancelled.—Barnard Bee.

"Cleopatra," declares the Parsons Sun, "was the first exponent of gauze and effect."

"Our idea of heaven," says the Marysville Advocate-Democrat, "is a place where those who can't sing won't attempt it."

The farmer who contracts for next spring's seed corn in the fall, probably won't have to take up with an inferior variety of poor quality.

### A QUARTER CENTURY AGO

Items from The Industrialist, November 8, 1897

It is getting rather cool for surveying practice early in the day, especially when the squad is large and only one can make observations at a time.

There is a well grounded rumor in the air that with the beginning of the New Year's vacation the president will move his office across the hall into the old reception room, and the secretary will make his headquarters in the president's present office.

The first number of the monthly INDUSTRIALIST is to be issued January 1, 1898. It will be a handsome magazine of 64 to 120 pages, with colored cover, plenty of "cuts," etc. We shall soon publish a prospectus giving details, and in the meantime we will do business at the old stand and at the old price.

Mrs. Helen Campbell, of the chair of household economics at Manhattan, has at her suggestion been authorized to prepare and serve a mid-day lunch at the college, at about cost, to such professors and students as may desire to patronize her table. This will make practicable a full day's work without the long break necessary to go to town for dinner.—Kansas Farmer.

THE INDUSTRIALIST, published by the State Agricultural college of Kansas, devotes a page this month to the dismissal of Prof. J. Allen Smith from this institution. In the west they publish what they think, and in this particular case it coincides with what the students of Marietta thought. They also publish letters by Dr. Washington Gladden and others. THE INDUSTRIALIST has been placed upon our exchange list.—Marietta (Ohio) College Olio.

In order to give the students a chance to see the Manhattan trade carnival, which is developing into a big, well advertised affair, the faculty have expedited all the work of this week one day, thus placing the "off day" at the close instead of at the beginning of the week. All exercises are included in the change, too, except the faculty conference on Tuesday afternoon, the meeting of the farmers' club on Friday evening, and of the societies on Saturday evening.

At their last meeting the board of regents requested the faculty to formulate drafts of three courses of study—a farmers' course, a mechanics' course, and a general course, for the coming year. The faculty have been busy this week with a discussion of the subject, but the conclusion is

was not arbitrary or too severe. Those who dropped back entered upon their work in the right spirit, and will be stronger for the change.

The entire college herd, 39 head of purebred cattle, listed on the fourth page of this impression of THE INDUSTRIALIST, will be put up at auction Thursday, November 18, 1897, at 10 a. m. The reason for selling is that the course of study has been so changed that it is necessary to maintain a herd for dairy instruction in dairy experiments, and it is thought that a large number of grade animals will answer the purpose better than the few purebreds that the college can afford to keep. The college needs the money that the purebred cattle will bring, in order to purchase the grade herd and

## The Negro and Farm Land

Dr. Robert R. Moton, Principal of the Tuskegee Normal and Industrial Institute

In the 60 years that have followed since emancipation, negroes in America have come into the possession of 22,000,000 acres, better comprehended as an area greater than Scotland. The greater part of these holdings is in farm lands, of which the vast proportion are found in the southern states. It is a matter of common knowledge that the great bulk of the negro population in America is located in the 13 southern states. Within recent years, large numbers have migrated from the south into the industrial centers of the north, but it is still true, and will in all probability remain true throughout the history of the nation, that the negro population will remain greatest in these southern states and the same section will be, as it is today, the scene of the negro's greatest development. It was one of the fundamental teachings of the late Dr. Booker T. Washington, one that he took every opportunity to impress upon his people; that the starting point in the development of any race or any nation is in the soil, and that to obtain a permanent place in American civilization, the negro must secure a firm foothold upon the land. Some of the response which the race has made to this teaching may be seen in the fact that in the last half century since their emancipation, negroes in the United States have added over \$1,000,000,000 worth of property and are now increasing their holdings at the rate of \$50,000,000 per year. It is a remarkable and striking fact that during the recent world war when the acreage of property owned by negroes increased. It is still more interesting to observe that these figures represent land that is under cultivation representing as it does a large number of small holdings rather than the accumulated possessions of a few great property holders, and there is great promise for the future in the fact that our American government is lending its aid through agricultural demonstration agencies in every state to instruct these negro farmers as well as others in the best methods of cultivating the soil and the pursuit of agriculture in general.

apparently not reached as yet. Every professor is sure that more time should be given to his particular branch of instruction, and there are only 12 terms in the four years to be apportioned.

We are in receipt of a copy of "The North American Lemnaceae," by Charles Henry Thompson, '93, botanist in the Missouri botanical garden. The pamphlet is a part of the forthcoming report of the director of the garden. It contains about 24 pages of text and four full-size plates. The text we have not had time to peruse, but reciprocate the compliment which in a recent letter it made the college in regard to its drawing department. We have never seen cleaner and neater anatomical outline drawings in any book.

Nearly a dozen first-year students whose grades at the mid-term examination had fallen below 70 on three studies were advised by the committee on assignments to leave college and re-enter at the beginning of winter term. About twice as many dropped to preparatory work in one or two branches. It is a painful duty for a teacher to give advice of this kind. But in nearly all cases the students have felt that the committee

necessary apparatus. In individual characters and high breeding, the animals offered are not excelled by any like number in America. The Union Pacific, Rock Island, Santa Fe, and Blue Valley railroads run to Manhattan.

Bartholomew Buchli, M. Sc. '84, of Alma, has been elected county clerk of Wabunsee county. The Teacher, Patron, and Pupil, whose editor is a Republican, while Mr. Buchli was nominated by the Populists, speaks of him in the following handsome manner: "Mr. B. Buchli, who was been associated with the last three county superintendents as assistant examiner, filed his resignation with the county superintendent. His sturdy loyalty in high principles, his conscientious exactness in the performance of his official acts, and his wholesome and gentlemanly courtesy, have won for him many sincere admirers among those who appreciate true manliness and sterling worth. We almost wish that we had not committed our columns to a non-political attitude in regard to men and affairs, that we might here mention some of the many commendable characteristics that so fully equip him for any position to which he may aspire."

### THE GOLDEN NICKEL

Francis Carlin in The Measure

If I had a nickel  
I'd drive the goat's gig  
That jolts on the pavement  
When crossing a twig:  
A buck or a nanny,  
No differ at all,  
If I were as simple  
As those that are small.

And if I had a nickel  
I'd ride the grey ass  
That jogs on the sidewalk  
So near to the grass;  
The ass or the pony,  
I would not care which,  
If I were as simple  
As those that are rich.

But Oh! for the nickel  
I'd spend in the Park  
To canter with Chaucer  
And gallant Jeanne d'Arc,  
Quixote on his jennet,  
And Red Riding Hood;  
If I were as simple  
As those that are good.

### PUBLIC LIARS

Bankers, lawyers, brokers, merchants, railroad officials, politicians, society women, ministers of the gospel, steamship officials, and others who pride themselves on their probity and personal integrity, too frequently do not hesitate to lie inconspicuously to the newspapers.

A rumor reaches a newspaper office to the effect that a bank merger is to be consummated. A reporter is sent to ascertain the facts. Does the bank president admit the truth of the rumor but ask that, for business reasons, the matter be not made public for a few days? He does not. He tells the reporter that there is no truth in the rumor. A few days later the deal goes through and—the newspaper knows that the bank president lied.

A public official grants an interview, in which he makes certain statements. The next day political or other pressure is brought to bear. Does he come out in the open and admit his mistake or his change of heart? He does not. He promptly repudiates the interview of the day before and—the reporter knows he lied.

A society matron's daughter becomes engaged to a prominent man, but the family is not ready to make the announcement. Does the society matron tell the truth and ask that the matter be kept quiet for a few days? She does not. She pretends surprise and denies there is any foundation for the rumor. The following week the announcement is made and—the society editor knows the woman has prevaricated.

So it goes on down the line. People who would not think of deceiving business associates, people who would scorn to resort to untruth or subterfuge in ordinary affairs, men and women whose word literally is as good as their bond in financial matters, these are the people, for the most part, who have no compunctions of conscience about deliberately lying to a newspaper representative.—Arthur L. Clarke in Editor and Publisher.

The packers at large packing centers have adopted a rule that they will pay ten cents per hundred above market price for all hogs originating in territory from which cattle tuberculosis has been eradicated. They have taken this step because it is recognized that wherever cattle tuberculosis is prevalent, there also tuberculosis of swine is common. The packers stand the loss if hogs after slaughter are condemned on account of the disease, and therefore if hogs are comparatively free from disease they can afford to pay a premium for them.

In the 31 years since alfalfa first entered the inventory of Kansas agriculture, this state became the largest grower among all states of this important crop.

Kansas produces more wheat than any other state in the union and is the greatest producer of hard winter wheat of any political unit in the world.



## AMONG THE ALUMNI

Elsie Arbuthnot, '14, is located at Lake Alfred, Fla.

Lucille Logan, '20, has moved from Lyons to Bushon.

Phyllis Burt, '20, asks that THE INDUSTRIALIST be sent to her at Maple Hill.

Clara (Peters) Johnston, '11, asks that her INDUSTRIALIST be sent to 650 Madison, Denver.

D. L. Deniston, '21, is teaching science and manual training at the Louisburg high school.

Carl L. Howard, '20, is agricultural agent for Pawnee county with headquarters at Larned.

Lulu Willis, '13, is managing the Y. W. C. A. cafeteria at Atlantic City, N. J. Her address is 108 North Carolina avenue.

Elizabeth Burnham, '17, is secretary of the Warren (Pa.) Y. W. C. A., and writes that "the Warren people almost equal the Kansas people in hospitality."

W. A. Connor, '06, has moved to 810 North Wheeler, McPherson, from R. F. D. 6, Lyons. He is now a salesman for the Moline Implement company.

G. W. Oliver, '20, is head of the vocational agriculture work in the Cameron (Mo.) schools. Until this year he was similarly engaged at Mound Valley.

Glenn A. Bushey, '10, and Helen (Hockersmith) Bushey, '14, have moved to 1264 W. Thirtieth, Los Angeles, from 1526 Kensington avenue, Salt Lake City.

Dale Allen, '22, writes that he was married last spring and is now farming northwest of Strawn. To whom he is married he neglects to say.

Edna Gulick, '15, writes from Gentry, Ark., that she and W. R. Curry, '14, and Minnie (Pence) Curry, '14, "have a K. S. A. C. Homecoming quite often."

Myrtle A. Gunselman, '19, and Mammie Grimes, '20, are teaching home economics in the high school at Ottawa and "never lose a chance to speak a good word for K. S. A. C."

Lee V. Haegert, '18, Topeka, in re-enrolling in the alumni association comments that "it was a great Homecoming day. The stadium will be a great memorial when completed."

Herbert L. Coith, '15, is chemist with the firm of Proctor and Gamble in Cincinnati, Ohio. He has supervision of six of the laboratories of the company's big soap factory there.

W. C. Howard, '77, and Mrs. Howard, a former student, are to move January 1 from 874 Light-house avenue, Pacific Grove, Cal., to 1055 North Kingsley drive, Los Angeles, Cal.

Clara (Howard) Bridenstine, '22, in signing up for alumni membership reports from Cambridge that there is an oil boom on, and that "there is nothing like a good teaching job in an oil town."

Bagdasar K. Baghdigian, '16, is located at 3629 Central street, Kansas City, Mo., for the winter. During the past summer he lectured on "Americanism" for the Redpath-Vawter Chautauqua circuit.

Alvin T. Coith, '15, and Bernice (Toller) Coith, a former student, are now living in Grand Rapids, Mich., where he is employed as draftsman and foreman of maintenance by the American Seating company.

Donald Ross, '07, and Henrietta (Hofer) Ross, '02, have moved from Westfield, N. J., to 1747 Montgomery avenue, Norris Heights, New York City. Ross is an engineer with the Western Electric company, and Mrs. Ross is soprano soloist for the First Presbyterian church at Westfield, N. J. They welcome K. S. A. C. people who come to New York.

## ALUMNI HOMECOMERS NUMBER ABOUT 1,000

Only 125 Registered but List from Frats Supply Additional Names—Pleasant Time Had by All

Although at least a thousand alumni and former students were here for Homecoming, but 125 registered at the alumni headquarters. From the register and from lists sent in by fraternities and sororities, the names which follow were obtained. The remainder of the Homecomers doubtless experienced as many thrills as did those whose names are given but they failed to answer roll call.

A pleasant time was had by all at the annual party for sons and daughters of K. S. A. C. Scores who have not visited their Alma Mater since they were graduated imbibed once more the spirit of loyalty, and found to their satisfaction that the Aggies fight as gallantly as they ever did. Other scores who have been coming back for every Homecoming saw the Wildcats pluck more feathers from the Jayhawk than at any time since 1916.

Aggies who didn't return missed something. They may get confirmation of this assertion from anyone who was here. The following named alumni registered:

J. A. Bogue, '21, Lawrence; Dr. James McKitterick, '22, Greenwood, Mo.; Dr. L. A. Scott, '21, Spring Hill; Dr. J. E. Williams, '21, Neosho Falls; Dr. N. P. Schlaegel, '20, Olsburg; H. W. Stoeckbrand, '15, Garnett; Dr. R. W. Hixson, '20, Fall City, Nebr.; Dr. F. W. Williams, '22, Hunter; Dr. L. C. Noyes, '17, and Maybell (Rodgers) Noyes, '19, Enid, Okla.

Eunice Lake, F. S., Atchison; Aletha Crawford, F. S., Stafford; Irene Barner, F. S., Wellington; Minnie Wilson, F. S., Kansas City, Mo.; Evalene (Kramer) Sullivan, '19, Ft. Riley; Netta Dubbs, F. S., Topeka; Gertrude Ramsey, '21, Enterprise; Leona Hoag, '18, Mankato; Sibyl Blackburn, F. S., Eureka; Elsa (Lear) Allen, F. S., Wichita; Blanche (Baird) Hultgren, '19, Wichita; Ethel (Roope) MacIntire, F. S., Wakefield; Kate (Summers) Connor, '16, Clayton; Stella (Wright) Eley, F. S., Oketo; Esther (French) Pitzer, F. S., Hutchinson.

Carl Libby, '18, Glen Elder; Harold Woodard, '19, Glen Elder; Horace Rands, F. S., Anthony; Sherman Bell, '20, Perry; Leo Cavanaugh, F. S., Perry; Harold Goble, '15, Riley; Merton Otto, '21, Riley; E. J. Otto, '16, Riley; John Hepler, '15, Washington; L. F. Gfeller, '20, Kansas City, Mo.; G. Kelly, '21, White Cloud; Carl Ulrich, '22, Wamego. H. J. McGinley, F. S., Neodesha; Earl Raymond, F. S., Towanda; O. W. Hinchshaw, '19, Eureka; W. S. Blakely, F. S., Neodesha; M. S. Winter, F. S., Leocompton; Robert Platt, F. S., Phil Platt, F. S., Hamilton; Claude Lovett, '15, Eureka; Hugh Lovett, F. S., Eureka; T. O. Sears, F. S., Eureka; William Janssen, '19, Geneseo; Jack Hill, F. S., Fritz Hill, F. S., Leocompton; M. P. Wilder, '20, Kansas City, Mo.; W. R. Essick, '18, Lawrence; W. E. Turner, '21, Waterville; P. L. Sites, '21, Independence; Rex Bushong, '21, Manhattan; Carl McCaslin, F. S., Wichita; Capt. R. E. Vermette, F. S., Portland, Me.; Ross Stice, F. S., Alta Vista; Ted Brown, F. S., Fall River.

Mildred Swenson, F. S., Clay Center; Gladys Taylor, F. S., Chapman; Faye (Young) Winter, '21, Leocompton; Bethel Barret, F. S., St. Marys; Alma Holwell, F. S., Washington; Marcia Beggs, F. S., Kansas City, Mo. A. A. Glenn, '16, Westmoreland; K. W. Phillips, '12, Manhattan. Otto Hanson, '05, Marquette; R. R. Houser, '14, Grainfield; Mary (Lemon) English, '14, Hutchinson; Harold English, '09, Hutchinson; Franklin A. Adams, '09, Meriden; Mabel McKenzie, '10, Solomon; Pearl Miltner, '19, Wichita; Marianne H. Muse, '21, Great Bend; Percy Davis, '11, Lenora; Vera (Samuel) McPherson, '19, Eldorado.

Ethel Grimes, '13, Greenwood, Mo.; Mary Alice Gish, '16, Sterling; R. D. Hilliard, '20, Kansas City, Mo.; Betty Lyman, '20, Wichita; Ruth Gormley, '20, Partridge; Mamie Grimes, '20, Ottawa; Myrtle A. Gunselman, '19, Ottawa; E. P. Mauk, '22, Thomas, Okla.; Grace (Gardner) Klostermann, '17, Weskan; Paul W. Barber, '21, Hanover; George A. Young, '12, Syracuse, Nebr.; W. R. Boyd, '02-'04, Lincoln, Nebr.; H. A. Bourne, '01, and Mrs. Bourne, Delphos; A. C. Meldrum, '14, Cedar Vale; L. B. Wolcott, '12, Grand Island, Nebr.

Ross J. Silkett, '21, LaCrosse; H. D. Reed, '17, Larned; Gertrude Nicholson, '05, Manhattan; F. B. Nichols, '12, Topeka; W. E. Forney, '20, Topeka; Josephine Sullivan, '20, Kansas City, Mo.; George A. Savage, '09, Miltonvale; Herbert H. Krehbiel, '22, Moundridge; J. Glenn Evans, F. S., Richmond; L. C. Aicher, '10, Hays; H. I. Richards, '22, Manhattan; W. T. Scholz, '07, Marysville; Charlotte Ayers, '21, Topeka; Conie C. Foote, '21, Kirwin; Florence Mather, '21, Wichita; Ethel Arnold, '18, Manhattan; Lewis A. Williams, '16, Hunter; B. F. Barnes, '18, Colby; H. C. Colglazier, '18, Lawrence; Gussie (Johnson) Stratton, '19, Fairmount; William Denholm, '18, Tonganoxie.

E. L. Hageman, '11, Cottonwood Falls; H. G. Bruce, '17, Clay Center; Belle Haggans, '22, Winchester; Esther (Curtis) Mather, '21, Linwood; Hilary E. Mather, '21, Linwood; Bessie (Bourne) Cool, '02, and L. H. Cool, Glasco; G. W. Blythe, '12, White City; G. W. Hill, '12, Topeka; Ione Leith, '21, Blue Rapids; R. S. Mather, '22, Kansas City, Kan.; Jay W. Stratton, '16, Fairmount; Velora (Fry) Gould, '15, Jamestown; Ruth (Alman) Lovell, '15, Topeka; Merrill L. Gould, '15, Jamestown; Phoebe Lund, '16, Manhattan; Geta Lund, '21, Irving; Earl F. Burk, '22, Garden City; Maude (Kelly) Deal, '08, Kansas City Mo.; H. W. Avery, '21, Wakefield; Ruth (Thomas) Enlow, '19, Junction City; J. D. Parsons, '15, Lincoln, Nebr.; C. R. Enlow, '20, Junction City.

Verla Dahnke, '20, Abilene; W. E. Blackburn, Honorary, Herington; T. F. Yost, '20, Concordia; Sara (Chase) Yost, '19, Concordia; Harold Garver, F. S., Abilene; Fred M. Layton, '15, Blue Rapids; C. L. Layton, '18, Republic; Nellie (McCoey) Cover, '05, Ozarkie; G. L. Shirley, '05, Perry; Lieut. Elsmere J. Walters, '13, New York; Daisy (Hoffman) Johtz, '00, Abilene. Martin L. Laude, '11, Iola; H. H. Laude, '11, Manhattan; Elizabeth (Circle) Garver, '20, Abilene; Ina (Findley) Moyer, '20, Holton; R. A. Cassell, '07, Salina; Earl Means, '22, Everest; Marion (Keys) Browne, '17, Burdette; Margaret (Robinson) Borland, '18, Clay Center; Claude W. Simpson, '10, Cawker City; C. J. Boyle, '09, Concordia; Beulah (McNall) Glenn, '17, Westmoreland; V. O. Farnsworth, '14, Topeka; Jean (Baker) Alsop, F. S., Wakefield; Erle H. Smith, '15, and Mrs. Smith, Kansas City. Arthur E. Hopkins, '16, Blue Rapids; R. A. Baldwin, '13, Atchison; Elizabeth Greenlee, '21, Kansas City, Kan.; Charles O. Johnston, '18, Manhattan; H. E. Butcher, '14, Bartlesville, Okla.; John Frost, '22, Blue Rapids; S. R. Vincent, '24, Sterling; C. E. Graves, '21, Olathe; John Schlaefli, '11, Cawker City; Clara (Spaniol) Schlaefli, '13, Cawker City; L. W. Rexroad, '13, Minneapolis; O. B. Reed, '22, Humboldt; Mrs. L. C. Colburn, F. S., Sabetha; Nellie (Baird) Hubbard, '05, Beloit; H. B. Hubbard, '07, Beloit; J. F. Eggerman, '18, Jetmore; A. C. Hancock, '18, St. Francis; H. B. Willis, '19, Oakley.

D. L. Deniston, '21, Manhattan; C. L. Shellenberger, '22, Manhattan; E. H. Willis, '22, Salina; S. D. Capper, '22, Beloit; S. J. Gilbert, '21, Woodston; L. H. Griswold, '22, Rossville; C. R. Hemphill, '22, Chanute; G. T. James, F. S., Chanute; J. J. Moxley, '22, Osage City; J. V. Quigley, '16, Kansas City; C. B. Quigley, '22, Kansas City; E. H. Walker, '22, Paola; John Cunningham, '22, Manhattan; Clarence Huycke, '20, Ellsworth.

C. H. Myers, '19, Hutchinson; J. H. McAdams, '15, Manhattan; Rudolph Morganstern, F. S., Salina; L. D. Ptacek, '19, Inman; E. H. Ptacek, '22, Mound City; F. F. Ross, '14, Wichita; E. N. Rodell, '03, Topeka; Harry L. Robinson, '18, Salina; Dr. G. N. Simpson, '21, Salina; C. J. Putt, '19, Concordia; Fletcher Speck, '20, Kansas City; E. E. Shannon, '24, Hutchinson; Fred Stevenson, '15, Salina; G. S. Smith, '21, Quincy, Ill.; Glen Shepherd, '03, Kansas City; R. A. Shelley, '09, Huron; James M. Aye, '16, Manhattan; Charles R. Abernathy, '20, Elgin, Ill.; N. D. Bruce, '22, Wichita; O. D. Cox, '22, Sedgwick; W. D. Cole, F. S., Wichita.

D. E. Davis, '22, Manhattan; N. F. Enns, '14, Inman; E. R. Enns, '22, McPherson; L. W. Fielding, '03, Manhattan; R. V. Gross, '22, Salina; J. H. Gillespie, '22, Anthony; C. L. Klipp, '09, Manhattan; John D. Kreamer, '14, Jewell City; Fred A. Korsmier, '15, Manhattan; D. D. Murphy, '22, Delavan; S. A. Simpson, F. S., Salina; James H. Sharpe, '16, Council Grove; Evan L. Jenkins, '15, White City; William Samuels, '03, Manhattan; E. Wood Tebbe, '16, Kansas City, Mo.; Dan Walters, '08, Beloit; H. M. Ziegler, '14, Topeka; Dr. W. P. Shuler, '10, Wakeeney; Kenneth Halbower F. S., Anthony; Scott Pfeutze, F. S., Manhattan.

Harvey Hubbard, '07, Beloit; Hortense (Caton) Jennings, '21, Ernestine Biby, '20, Overbrook; Mary (Churchward) Noel, '15, Kansas City; Ruby (Bloomquist) Miller, '14, Kansas City; Jean Moore, '22, Nowata, Okla.; Gladys (Craig) Tebbe, F. S., Kansas City; Louise Greenman, '16, Kansas City; Julia Johnston, F. S., Herington; Thelma (Dobson) Hoots, F. S., Lawrence; Beulah Helstrom, F. S., McPherson.

Edith Pursel, F. S., Paola; Vida Zabel, F. S., Onaga; Isla Falkenstein, F. S., Onaga; Mary (Fitzgerald) Turner, F. S., Waterville; Laurene Kuns, F. S., McPherson; Tyra Thurston, F. S., Kansas City, Mo.; Claramary Smith, '22, Mound City, Mo.; Kathryn McQuillen, '22, Clay Center; Ruth Merritt, F. S., Vermillion, S. D.; Irene Graham, '21, Manhattan; Harry G. Bird, '14, Great

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C. H. Myers, '19, Hutchinson; J. H. McAdams, '15, Manhattan; Rudolph Morganstern, F. S., Salina; L. D. Ptacek, '19, Inman; E. H. Ptacek, '22, Mound City; F. F. Ross, '14, Wichita; E. N. Rodell, '03, Topeka; Harry L. Robinson, '18, Salina; Dr. G. N. Simpson, '21, Salina; C. J. Putt, '19, Concordia; Fletcher Speck, '20, Kansas City; E. E. Shannon, '24, Hutchinson; Fred Stevenson, '15, Salina; G. S. Smith, '21, Quincy, Ill.; Glen Shepherd, '03, Kansas City; R. A. Shelley, '09, Huron; James M. Aye, '16, Manhattan; Charles R. Abernathy, '20, Elgin, Ill.; N. D. Bruce, '22, Wichita; O. D. Cox, '22, Sedgwick; W. D. Cole, F. S., Wichita.

D. E. Davis, '22, Manhattan; N. F. Enns, '14, Inman; E. R. Enns, '22, McPherson; L. W. Fielding, '03, Manhattan; R. V. Gross, '22, Salina; J. H. Gillespie, '22, Anthony; C. L. Klipp, '09, Manhattan; John D. Kreamer, '14, Jewell City; Fred A. Korsmier, '15, Manhattan; D. D. Murphy, '22, Delavan; S. A. Simpson, F. S., Salina; James H. Sharpe, '16, Council Grove; Evan L. Jenkins, '15, White City; William Samuels, '03, Manhattan; E. Wood Tebbe, '16, Kansas City, Mo.; Dan Walters, '08, Beloit; H. M. Ziegler, '14, Topeka; Dr. W. P. Shuler, '10, Wakeeney; Kenneth Halbower F. S., Anthony; Scott Pfeutze, F. S., Manhattan.

Harvey Hubbard, '07, Beloit; Hortense (Caton) Jennings, '21, Ernestine Biby, '20, Overbrook; Mary (Churchward) Noel, '15, Kansas City; Ruby (Bloomquist) Miller, '14, Kansas City; Jean Moore, '22, Nowata, Okla.; Gladys (Craig) Tebbe, F. S., Kansas City; Louise Greenman, '16, Kansas City; Julia Johnston, F. S., Herington; Thelma (Dobson) Hoots, F. S., Lawrence; Beulah Helstrom, F. S., McPherson.

## K. C. AGGIES HONOR TEAM WITH BANQUET

Hear Stadium Talks by Waters, Ahearn, Bachman, and Davis—Squad Gets Big Sendoff

Aggies of '79 to '25 gathered in Kansas City November 2 for a pre-celebration of the Tiger tail twisting which took place as scheduled at Columbia, Mo., two days later. One hundred and twenty-five alumni and former students welcomed the 24 members of the football squad, the coaches, and Mike Ahearn, and participated in an old fashioned pep meeting.

Dr. H. J. Waters, former president of K. S. A. C., was the first speaker. He avowed his loyalty to the Purple, even in the athletic contests with his Alma Mater, Missouri, and urged the support of a united alumni for the Aggies. He reviewed for his hearers the meteoric rise of the Aggie teams in the conference and predicted an even better record in the future.

Oley W. Weaver, executive secretary, explained that the alumni association has a large and a worthy task to accomplish.

"Athletics is not the sole end and aim of the alumni association," he declared. "The stadium proposition has been given the endorsement of the association as the most pressing need of the college, but back of that proposition are others which we must put across, each in its turn."

Charles W. Bachman, head coach, gave his usual forceful 100-word "address."

"We have played three conference games this year and still have a percentage of 1,000," he told the grads. "We need that stadium completed. If you folks will do your part the team will do the rest."

Mike Ahearn—just plain "Mike" to the old timers as he is to every member of the present student body—"talked turkey" to the men and women of Greater Kansas City about the stadium. He told them simply and directly why the stadium is the prime need of the college, and discussed its memorial features.

Mike traced the history of Aggie athletics during the past 17 years, from the days when a grandstand seating 300 was considered large enough to seat crowds at athletic events for all time to come, down to Saturday, October 28, 1922, when 12,000 crowded all the available space around Ahearn Field and other hundreds certainly, perhaps thousands, were kept away by the word that all seats were sold a week in advance of the game.

"The tremendous growth of athletics," said Mike, "has shown the fallacy of building too conservatively. The old grandstand has done its duty, and its history we cherish. In fact, we feel that it should be made a part of our museum collection."

"The Stadium movement was inaugurated by Doctor Waters in 1909, but the time was not ripe. Then came the war and the sacrifices made by the legion of Aggies who entered the service. Remembering what lay nearest the hearts of the boys who went and who never returned, we resolved to erect the stadium as a memorial to them. The movement was started last spring when the students oversubscribed their quota in six hours, and the faculty went 30 per cent over the top. The townspeople are on the way to completion of their share. Later we shall come to the loyal alumni and friends of the school with an opportunity to help in this great memorial project."

The members of both the Kansas City, Mo., and the Kansas City, Kan., alumni associations participated in the reception for the team, and the pep meeting. J. H. Anderson, '12, president of the Kansas City, Mo., association, introduced the speakers.

The crowd "listened in" on Prof. H. W. Davis' stadium talk, which was broadcasted through the courtesy of the Kansas City Star.

After the speeches a "mixer" was

## SNOWED UNDER!

The office of the alumni executive secretary is swamped. Persons awaiting answers to letters will not be surprised at the admission. The rain of mail began prior to Homecoming. It poured for more than a week. Then new duties were added to the office and the flow was augmented. Coupling this with the fact that the secretary has been in the field visiting alumni groups, excuse for seeming neglect may be granted. A working force is being built up to meet the demands on the office.

held. The alumni got acquainted with the team and coaches, and the team and coaches with the alumni before the members of the squad were obliged to leave for Columbia.

## All's "Lovely" In Texas Now

"The paragraph concerning me in a recent number of THE INDUSTRIALIST," writes H. E. Rose, '15, "was headed 'Is Lonely in Texas.' This should now read 'lovely' as on the fifteenth of this month (October) I was married to Miss Lorena Hupp of Grandfield, Okla."

He's lenient with the alumni secretary at that, asking only a change in address of his INDUSTRIALIST from 1202 Holliday street, Wichita Falls, Tex., to Box 1227, Wichita Falls. He claims to be able to rectify the error in his designation as "lonely" without assistance.

## Four Aggies in Arkansas City H. S.

Elma R. Stewart, '21, checks in with active membership from Arkansas City, where she is teaching in the high school. She reports three other Aggies, Ruth Moore, '19; Helen Neiman, '21; and Warren Sheff, '17, also teaching there.

## Is an Aggie Believer

Lora G. Mendenhall, '19, teaching in the high school at Friend, Nebr., is an Aggie believer.

"I'll be on hand in Lincoln when the Aggies come up there. Nebraska thinks she has a wonderful team, but I haven't lost faith in the Aggies," she writes.

## Hess Gets Up Steam

H. P. Hess, '05, Dallas, Tex., is getting up some steam. He writes, "Last Saturday, the first time in 17 years I have had an opportunity to see a football game at Manhattan, I saw the K. U. game. I had a hunch we would win but am very well satisfied with a rather lucky tie. Guess I broke the jinx, and the next one I attend we'll whip 'em."

"The new stadium when completed will be a wonderful thing and I hope to have the opportunity of viewing a number of games from it. I have known Mike well ever since he came to K. S. A. C., and with him on the job I am sure that athletics will continue to grow and that K. S. A. C. will occupy a prominent position in the athletic world. I'll stand for the team's losing only one game this season—Nebraska."

## Esther Waugh, '22, Married

Esther Waugh, '22 became the bride of N. W. Gillette at the home of her parents, Prof. Frank A. Waugh, '91 head of the department of horticulture at the Massachusetts Agricultural college, and Alice (Vail) Waugh, '92, in Amherst, Mass., October 28. After a wedding trip, Mr. and Mrs. Gillette will be at home at Lynfield Center, Mass., where Mr. Gillette is employed by the Carey Roofing company.

These K. S. A. C. alumni were guests at the wedding—Fred A. Sears, '92; Ruth (Stokes) Sears, '92; C. H. Thompson, '93; Nellie L. Thompson, '10.

## Wingfield, '22, Succeeds Quinn, '22

J. C. Wingfield, '22, has been hired by the college to fill the vacancy made in the home study department. J. T. Quinn, '22, who had been handling the work that Mr. Wingfield will do, has become a member of the faculty of the University of Missouri, where he will teach horticulture.



## SPUD SHOW THIS WEEK

### PROGRAM OF ADDRESSES BEGINS AT TOPEKA THIS AFTERNOON

Second Annual Event Will Continue Tomorrow and Friday—Exhibits Will Be Judged Thursday—Experts Attend

Potato growers of the Kaw valley, attending the second annual Kaw Valley Potato show at Topeka were given an address of welcome to the city by Mayor H. J. Corwine this afternoon. The show will continue through tomorrow and Friday.

A program of addresses by leading authorities on the potato in Kansas and other potato growing regions in the United States began today. Exhibits will be judged and prizes awarded tomorrow.

#### PROGRAM IN DETAIL

The program in detail is as follows:

Wednesday afternoon—

Good Seed Potatoes a Fundamental Requirement of Profitable Production, W. P. Stuart, office of horticultural and pomological investigations, United States department of agriculture.

Some Experiences in Growing Potatoes in Colorado, L. D. Sweet, Denver.

Growing Irish Potatoes in Ford county, under Irrigation, J. M. Hulpieu, Dodge City.

Minnesota Potato Seed Registration Work, A. G. Tolass, state department of agriculture, St. Paul, Minn.

#### SPUD MOVIE TONIGHT

The potato industry in other sections of the country will be shown in moving pictures this evening.

Thursday morning—

Shipping Kansas Potatoes, C. C. Gignoux, assistant supervisor of agriculture, Union Pacific railroad, Omaha.

Potato Seed Prospects for 1923, a Report of Conditions in the Red River Valley, Jess Haney, Topeka.

Closer cooperation between the Potato Grower and the Dealer, C. C. Michael, president Michael-Swanson-Brady Produce company, Kansas City.

How Kansas Potatoes Could be Improved for the St. Louis Market, P. G. Hauelsen, Hauelsen brothers, St. Louis.

Bureau of Markets Inspection Service, L. G. Schultz, bureau of markets, Kansas City.

What other Markets Have to Say About Kaw Valley Potatoes, by Correspondence.

Thursday afternoon—

Judging Exhibits, Awarding Prizes. Shawnee County Farm Bureau and Potato Work, Ralph Searles, president Shawnee county Farm Bureau, Topeka.

Seed Potato Inspection in Wisconsin, J. W. Brann, department of horticulture, University of Wisconsin, Madison.

Commercial Production of Sweet Potatoes, W. R. Beattie, office of cotton, truck, and forage crop disease investigations, United States department of agriculture.

#### GROWERS TO REPORT

Friday morning—

Reports by Potato Growers on Seed Treatment, Spraying, Varietal Tests, and Seed Selection of Irish and Sweet Potatoes, S. C. Carpenter, Garden City; M. G. Drey, Chas. Speaker, W. G. Philibert, Kansas City; W. H. Grinter, Marshall Michael, Perry; J. M. Hulpieu, Dodge City; Scott Kelsey, M. T. Kelsey, Grant Kelsey, Myron Kelsey, A. R. Tiffany, Verne Cockran, C. Neiswender, Topeka; F. V. Lewis, A. J. Parnell, LeRoy Parnell, W. A. Pine, R. H. Rogers, Clifford Pine, W. R. Stiner, Lawrence; C. D. Nevitt, Oxford; J. S. Stephens, Bethel; W. L. Weaver, Wichita; Henry Bahruths, Geuda Springs; Frank Blechel, Eudora; Ross Hill, A. W. Travis, Manhattan.

How the Potato Plant Grows, E. C. Miller.

Reports of Progress on Cooperative Spraying and Seed Treatment Ex-

periments in 1922, L. E. Melchers E. A. Stokdyk, G. A. Dean, R. P. White, K. S. A. C.

Report of Progress on Cooperative Soil Fertility Experiments, E. B. Wells, N. E. Dale, K. S. A. C.

Friday afternoon—  
The Garden City Truck Growers and Producers Association, H. E. Miller, secretary.

Cooperative Marketing of Potatoes in Other States, W. P. Stuart, office of horticultural and pomological investigations, United States department of agriculture.

The Dodge City Potato and Truck Growers Association, J. M. Hulpieu, president.

Marketing Kaw Valley Potatoes, Open Meeting.

A complete exhibit of all common Irish and sweet potato diseases will be shown. Directions for their control will be available.

## HUMAN NUTRITION WORK NATIONALLY RECOGNIZED

Journal of Biological Chemistry Published Three Papers by College Graduate Students

The October number of the Journal of Biological Chemistry contains three papers by members of the department of food economics and nutrition, division of home economics. These papers report the results of the experimental work in human metabolism presented in the masters' theses by Elizabeth J. McKittrick, Elizabeth E. Kirkpatrick, and Ruth K. Trail.

The problems studied, as indicated by the titles of the theses, were, "Interrelations between Calcium and Magnesium Metabolism," "The Effects of Acid Forming and Base Forming Diets upon Calcium Metabolism," and "The Influence of Yeast and Butter Fat upon Calcium Assimilation."

These researches were promoted by a fund granted by the national research council. The work was directed by Dr. L. Jean Bogert who arranged the papers for publication in collaboration with the authors of the original theses. Doctor Bogert recently resigned her position here to enter research work in the Ford hospital, Detroit.

"The scientific standards of the journal in which these papers appeared exclude all but high grade work," commented Dr. Helen B. Thompson, dean of home economics. "It is a credit to the college to have its graduate work in human nutrition so recognized."

The division of home economics now offers opportunities for graduate study equal to any in the land grant colleges or state universities. The students this year are engaged in a variety of problems of interest comparable with those already published. The department of food economics and nutrition is fortunate in the addition to its staff of Dr. Martha Kramer, who has been engaged in research with Dr. Henry C. Sherman of Columbia university.

## LIPPINCOTT PUT ON ADVISORY COMMITTEE NATIONAL SOCIETY

Receives Honor from American Genetics Association

Dr. W. A. Lippincott, head of the poultry husbandry department of K. S. A. C. was recently appointed a member of the advisory committee of the American Genetic association. This committee is national in scope and has the particular responsibility of looking after the interests of the Journal of Heredity published by the association. Other members of the committee are E. B. Babcock, University of California; L. J. Cole, University of Wisconsin; E. M. East, Harvard; R. A. Emerson, Cornell; H. H. Newman, Chicago; George H. Shull, Princeton.

Hi Hill has figured out that the energy wasted in useless argument on what's the matter with the farmer would plow all the land in Wildcat township six inches deep for the next 40 years.

## SAYS WE LAG IN ART

### PARSONS DISCUSSES ITS RELATION TO EVERYDAY LIFE

Widely Known Authority Declares Average Advertisement Is Filled with Useless Stuff—Predicts Important Advance in Next 25 Years

"The average advertisement today is so filled up with useless stuff that you could not pick an idea out of it with a pair of tweezers," said Dr. Frank Alvah Parsons, president of the New York School of Fine and Applied Art, in an address at the college Monday afternoon.

Disappointment with the results of advertising was attributed by Doctor Parsons to poor copy. He predicted a rapid rise in the standards of advertising, declaring that in 25 years the art of advertising would take precedence over practically all other modern conceptions.

#### AUTHORITY ON ART

Doctor Parsons, who is a widely known authority on design in advertising, clothing, house furnishing, and other fields, gave three addresses at the college. His subjects were "Art in Advertising," "Art, Dress, and Common Sense," and "Art in Modern Life." His lectures were under the auspices of the departments of applied art, clothing and textiles, and industrial journalism and printing. One of his addresses was made at the student assembly on Tuesday.

"The meaning of the word 'art' is less understood in America than in any other country in the world," said the speaker. "There are two reasons for America's backwardness. She is too young, and she has too much money. We have been spending money for things which are neither essential nor beautiful, and it is hard for us to change."

#### ART IN ADVERTISING NEW

"The arts of the present day include the art of the house, which is the most important of all, the art of clothes, which is largely a matter of proportion, and the art of advertising. The art of advertising is relatively new; it has developed within the last 20 years."

Doctor Parsons said that advertising is a twofold process—a method of bringing an idea to a possible consumer, and of selling the idea as well as getting it to the customer.

First of all, he pointed out, the advertisement must function. It must be readable, well organized and not crammed with details, and it must be agreeable.

#### NAMES FIVE CONSIDERATIONS

"The advertiser," said Doctor Parsons, "has to consider five distinct symbols—copy, illustration, ornament, type, and color."

"Illustrations must be used with exceeding care, and never unless they can tell what words will not. Nine out of 10 times they detract from the advertisement."

"Ornament must follow the structural lines of the thing it ornaments."

#### FASHION AN OBSTACLE

"All type used in an advertisement should be of the same family. The indiscriminate use of upper and lower case letters ruins the effect of an advertisement. Italics should be avoided. Type offers an enormous chance for artistic exposition which will help to sell an article."

"The important things to remember in the use of color are which color and why, and how much and where. Color should not be used in borders. The reader looks inside the border for what he wants, and the color should emphasize the thing the advertiser desires to sell."

Fashion was characterized by Doctor Parsons as the greatest obstacle to artistic development. He criticized much house furnishing on the ground that it fails to follow the lines of the rooms or express their function, and much modern dress on the ground that it departs from the natural lines of the body and throws emphasis in the wrong places.

## STANDS UP FOR YOUTH

"People amuse me when they talk about young people of today going to the bad. So far as I can see—and I can see a good deal, old as I am—they are going to the good."

So said Dr. Frank Alvah Parsons of New York, internationally famous designer and author, who lectured at the college this week. Doctor Parsons confesses to having little use for old fogies—he says he is old—though he doesn't look it—but no foggy. Likewise he has little use for the period to which many old fogies hark back.

"In my youth, back in the Victorian era, hypocrisy and sentimentality were about the only virtues considered worth talking about," said Doctor Parsons. "I rejoice that we are getting rid of them, that we are becoming frank. You can do anything with boys and girls by being frank with them. If you are not frank, they will see it in a minute, and that will be your finish with them."

## AGGIES TALK BY RADIO

(Concluded from page one)

ses of sister colleges all over America. Proud of and encouraged by the fine enthusiasm of her students, faculty, and friends at Manhattan she will soon call upon her alumni and friends for the balance that will make the Memorial stadium a certainty and solve the most pressing student-activity problems she has ever faced. She is merely asking that her capacity for service be enlarged, that it be made possible for her to help the young men and women of Kansas to finer manhood and womanhood, higher ideals of true sportsmanship, and a more fruitful sense of cooperative citizenship."

#### "WHAT THE FARMER NEEDS"

Dean Farrell's address, in part, follows:

"Just now the most obvious and most acute need of the farmer is the restoration of normal price relations. It now requires more of what the farmer sells to pay for the articles he must buy than it did under normal price conditions. In other words, prices for farm products are abnormally low in terms of purchasing power. This is the basis of the farmer's present economic distress."

"Readjustments in the organization of the farm business which will distribute instead of concentrate the farmer's hazards constitute a second need. American farming, imitating American industry, has developed a strong tendency toward narrow specialization."

"A third need of the farmer is that he develop willingness and ability to work with his neighbors in certain enterprises of production and of marketing which he is in the habit of undertaking individually. No matter how intelligent and industrious an individual farmer is in trying to protect his livestock against contagious diseases or to safeguard his crops against insect pests, he frequently is helpless unless his neighbors work with him in these efforts."

#### WORK HARMONIOUSLY

"A fourth important need is that farmers, as individuals and as groups, learn to work more understandingly and more harmoniously with non-agricultural groups. We must all recognize sooner or later that each group has certain functions to perform and that its own prosperity depends in the long run upon the efficiency with which it performs them."

"Another important need of the American farmer is that he develop a keener intelligent appreciation of his own importance. At the same time it is needful that non-agricultural people appreciate more than they now do the importance of the farmer. We still hear altogether too often the expressions 'I am only a farmer' from the one group, and 'He is only a farmer' from the other. Farmers as a group are less dispensable to civilization than any other part of the population."

## FARM AND HOME WEEK TO BE FEBRUARY 5-10

L. C. Williams, Extension Horticulturist, Is in Charge of Programs and Arrangements

Farm and Home week will be held at Kansas State Agricultural college, February 5-10, 1923. Features of the program announced to date are a judging contest for the amateur championship of Kansas and a horse-shoe pitching tournament open to all veteran pitchers in the state.

The department short courses and the general assemblies at which well known agriculturists speak, will be held as in former years.

L. C. Williams, extension horticulturist, is in charge of programs and arrangements. Mr. Williams headed the registration committee last year and this fall had charge of the agricultural college educational exhibit at the three state fairs.

## CONCERT BY MISS COLBURN AND MR. LAMONT ATTENDED BY 1,000

Appreciative Audience Hears K. S. A. C. Musicians

Nearly one thousand people attended the recital given by Miss Helen M. Colburn, pianist, and Harry King Lamont, violinist, with Miss Gertrude Rosemond as accompanist, of the department of music at the auditorium, Sunday afternoon.

Miss Colburn, who has charge of the children's department, showed unusual ability in her interpretation of the light, fantastical composition. Her light staccato touch made the "Musical Snuff Box," by Liadow, one of the most appreciated numbers of the recital.

Mr. Lamont is new to Manhattan music enthusiasts, but his skill as a violinist was proved to every person who heard him play "Souvenir De Moscou" by Wieniawski. This number showed remarkable technique and skill. However it was Mr. Lamont's last number, a waltz by Brahms, which assured the violinist of universal appreciation.

Miss Rosemond was a very capable accompanist and assisted Mr. Lamont very well in his numbers.

Each Sunday some of the members of the music department will appear in recital. The purpose of the recitals is to give to Manhattan music lovers an opportunity to hear the best classical music, by persons of unusual experience.

In next Sunday's recital will appear Miss Gladys Warren, pianist, Miss Edna Ellis, soprano, and Miss Elsie Smith, accompanist.

## FITCH ADDRESSES DAIRY INSTRUCTORS OF COAST

Attends Meeting of Teachers at Portland, Oregon

J. B. Fitch, head of the K. S. A. C. dairy department, gave an address at a meeting of the association of western dairy instructors at Portland, Ore., last week. Professor Fitch is secretary of the American Dairy Science association.

## ALUMNI HOMECOMERS NUMBER ABOUT 1,000

(Concluded from page three)

Bend; Elmer J. Pird, F. S., Great Bend; Herbert H. Frizzell, '16, Cherokee, Okla.; Cameron S. Goldsmith, '14, Parsons; James B. Angle, '19, Courtland; Thomas G. Spring, '14, Holcomb; Paul B. Gwin, '16, Council Grove; A. W. Foster, '20, Coffeyville; Ray B. Watson, '21, Chicago; Elmer D. McCollom, '21, Bogard, Mo. Walter J. Rogers, '22, Salina; N. Dale Lund, '22, Atchinson; Walter R. Horlacker, '20, Manhattan; Carl F. Mershon, '21, Oakley; Gabe A. Sellars, '17, Manhattan; Charles Nitcher, '21, Manhattan; Charles C. McPherson, '22, El Dorado; Fred Milner, '15, Omaha, Nebr.; June (Milner) Gardner, '14, Hartford.

O. D. Gardner, '21, Wetmore; O. L. Cullen, '22, Wetmore; H. H. Connell, '22, Junction City; R. R. McFadden '21, Spearville; O. D. Howells, '21, Kansas City, Mo.; Harry Meyers, '22 Marysville; Louis Vinke, '21, Wakefield; John Moore, '22, Topeka; Harold McKeever, '22, Topeka; Glenn Allen, '20, Johnson; E. L. Lahr, '21, Belleville; R. A. Osborn, '21, Williamsburg; E. E. Huff, '22, Effingham; Dale Allen, '22, Burlington; Ruth Kittell, F. S., McPherson, Harry Moore, 20, Kansas City, Mo.; Carl Hultgren, '18, Wichita.



# THE KANSAS INDUSTRIALIST

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Number 9

## HI-YS TO MEET HERE

### COLLEGE AND CITY WILL ENTERTAIN STATE CONFERENCE

Older Boys' Meeting at K. S. A. C. December 1, 2, and 3 Expected to Be Attended by 1,000—Partly Completed Program Announced

More than one thousand Kansas high school boys are to be the guests of Kansas State Agricultural college and Manhattan here during the older boys' conference of the Y. M. C. A. Friday, Saturday, and Sunday, December 1, 2, and 3, according to Dr. A. A. Holtz, college men's adviser and secretary of the college Y. M. C. A., who is chairman of the local executive committee.

#### LEADERS TO BE HERE

Prominent men in "Y" work in the United States and in the foreign field are to appear on the program. Among those whose names have been announced are: A. H. Tebben, Madras, India, and Homer Grafton, Kyoto, Japan, missionaries under the international "Y"; Clyde Hartford, Pittsburg, head of the community boys' work of that city; Harrison R. Anderson, an alumnus of K. S. A. C., who is pastor of the First Presbyterian Church of Wichita; G. E. E. Lindquist, head of all home mission work in Indian schools of the United States for all Protestant churches; E. F. Holmes, Wichita, business man and prominent layman; Harold Colvin, head of boys' work at Salina; Lesley Eichelberger, head of boys' work at Wichita; David New, a Chinese student of Washburn college; B. V. Edworthy, Topeka, who will head the conference, older boys' secretary of Y. M. C. A.; Dr. Evan Worthy, Chicago, head of life service work for the Methodist church; W. L. Hutcherson, Wichita; T. H. Vaughn, Winfield.

#### BANQUET ON SATURDAY

Complete plans for the afternoon and evening of Saturday of the conference have been worked out. The afternoon's program will begin with a parade through the business and residential districts of Manhattan. At the athletic field of the college, the visitors will witness an exhibition football game between the Kansas Aggie varsity team and the Kansas Aggie freshman team. Groups have been organized to escort the visitors to interesting places on the campus following the football game. A banquet, at which it is expected to seat 1,200 persons, is announced for 6 o'clock Saturday evening in Nichols gymnasium. The banquet program will include addresses by "Y" leaders and conference delegates.

A program of plays and stunts will be given by K. S. A. C. groups in the college auditorium later in the evening.

Souvenir watch-fobs will be given to every visitor at the conference. The emblem of the fob will be cast by the college foundry. One side of it will bear the words "K. S. A. C., Education for Service." The reverse side will read "Older Boys' Conference, 1922" and will bear the Hi-Y cross.

### COLLEGE WILL INSPECT POULTRY FLOCKS FREE

#### Extension Poultryman Starts New Service

Free inspection of standardbred poultry flocks in Kansas, and certification of those flocks which meet the requirements set by the various breed associations, are offered by the Kansas State Agricultural college extension service and the county farm bureaus. The purpose of flock certification is similar to that of pure seed certification—to assure the purchaser

### M. V. CONFERENCE STANDING

	Won.	Lost.	Tied.	Pct.
Kansas Aggies	3	0	2	1.000
Nebraska	3	0	0	1.000
Drake	3	0	0	1.000
Missouri	2	3	0	.400
Ames	2	3	0	.400
Kansas	1	2	1	.333
Oklahoma	1	2	1	.333
Grinnell	1	2	0	.333
Washington	0	4	0	.000

of birds or eggs that he is getting good stock.

The certification project is in charge of D. J. Taylor, extension poultryman. He or an agent designated by him will inspect the whole farm flock, banding with a sealed band those birds which are to remain a part of the certified flock. All other birds must be separated from these. In order that a flock may be certified, 50 per cent of the birds must comply with the breed standards in both type and color, 25 per cent in at least type, and 25 per cent in at least color.

Accurate records of production must be kept in certified flocks. Inspection will be made annually. Applications for certificates should be made through county agents.

### THROCKMORTON TAKES YEAR OFF TO STUDY AT CORNELL

#### Agronomy Professor Is Doing Advanced Work in Soils

Prof. R. I. Throckmorton of the agronomy department is on leave of absence for the present college year, and is taking graduate work in soils at Cornell university. "Throck," as he is almost universally known among K. S. A. C. students and faculty, was graduated from Pennsylvania State college in 1911, and has been a member of the teaching and experiment station staff of K. S. A. C. since that time. He is recognized as one of the most practical men in the agricultural division, and knows the problems of the soil as seen by the "dirt farmer" as well as in their more technical and scientific phases.

Professor Throckmorton has had actual field experience in soil survey work for the bureau of soils of the United States department of agriculture in Kansas. His soil survey course and the courses in dry land farming and soil management are popular because of their actual worth to the student.

Professor Throckmorton is the author of several bulletins published by the Kansas agricultural experiment station. Among these are reports of soil surveys of Shawnee, Cherokee, Reno, and Jewell counties, a bulletin on "The Use of Dynamite in the Improvement of Heavy Clay Soils," a general bulletin on soil fertility; a bulletin on fertilizers for alfalfa in eastern Kansas, and a circular on the use of commercial fertilizers in Kansas.

He is taking advanced courses in soils at Cornell under Dr. T. L. Lyon and Dr. F. O. Buckman, two of the recognized leaders in soils research and teaching work in this country, and authors of a college textbook on soils which is used in most American agricultural colleges and universities.

Mr. and Mrs. Throckmorton (Marcia Story, '12) and their daughter, are living at 403 College avenue, Ithaca.

Grain sorghums furnish their own insurance against crop failure.

Kansas has more hogs than 38 of the other states.

Kansas has more cattle than any one of 45 other states. Three-fourths of the total number are beef animals.

## AGGIES WIN A SPLASH

### BACHMANITES GIVE FANS THRILLS LONG TO BE REMEMBERED

Ames Is Humbled 2 to 12 by Great Passing Offensive of the Kansas "Mudcats" Who Defy Downpour and Play It Open

"An' didn't it rain?"

"An' didn't it rain?"

"An' didn't it rain?"

The Iowa Aggies and the Kansas Aggies will swear that it rained. And they ought to know. For two long, soaking hours they battled on a field half mud and three fourths water with here and there a sprig of semi-solid earth. And when the time was up—they couldn't blow the whistle because it was full of water—the score was 12 to 2 in favor of the Aggies—from Kansas. It will be many a rainy day in the Missouri valley before there is another struggle like the one that the Cyclone and the Wildcat engaged in on Ahearn puddle last Saturday.

#### NO LEAKS IN LINE

It was a particularly pleasing spectacle to the adherents of K. S. A. C. because the Wildcat superiority stood out all during the game just as the optimism of the officials' pretty white pantaloons did during the first eight seconds of play. The Cyclones had one phantom chance at a touchdown in the last quarter. After completing a long forward pass to the Aggie five yard line, and it was a neat one, the Ames warriors, misled by the rain, foolishly decided to test the Bachman line for leaks. But leaks there were none, and the ball went over to the Wildcats who craftily grounded it for a safety on the next play rather than risk a muddy kick from under the goal posts.

Captain Hahn's mudcats did their counting in the first and third quarters by brilliant aerial offensives. Clements scored the first touchdown and Munn the second. Both attempts at goal failed, the soggy pigskin refusing to be lifted more than two or three feet off the earth. The second quarter was a kicking duel and the fourth a wild mixture of punt and pass. The game ended with the ball in the Aggies' possession on the Ames one-yard line. It had been lugged there by Webber, who intercepted a forward pass and ran, stumbled, twisted, skidded, and submarined for 16 yards before the tackling Cyclone could stop him. Another play would doubtless have meant another touchdown for the web-footed Wildcats.

#### RAINS FIVE TIMES

It was a game no beholder will ever quit telling about. To see it through, 2,000 loyal fans submitted to a drenching that would have given a wild duck influenza. It rained five times, 15 minutes for each quarter and fifteen minutes between halves. The precipitation varied from a nasty mist to a young cloudburst, but nobody cared and nobody was ever down-hearted. The whole north half of the gridiron was covered with from one to four inches of the mud-diast water that ever was wet.

Just to assure old Jupiter Pluvius that nobody cared a rip anyhow the Aggie band opened the services by playing "How Dry I Am." Then the spick and span athletes trotted on the field. Brief preliminaries, and kick-off and one scrimmage, and you could not tell one from t'other or player from official. As soon as every player got a coating of an inch or two of mud the Aggies introduced their passing game. Of course not a soul expected it, because nobody knew that Bachman had been drilling his proteges in the Kaw river. The wisest football wiseacre that ever went un-

### THE SCHEDULE

October 7—Washburn 6, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22  
October 21—Oklahoma 7, K. S. A. C. 7  
October 28—Kansas 7, K. S. A. C. 7  
November 4—Missouri 10, K. S. A. C. 14  
November 11—Ames 2, K. S. A. C. 12  
November 18—Nebraska at Lincoln  
November 30—Texas Christian university at Manhattan.

choked could have told Swartz et al that it was absurd to pass, but luckily no one told them. So they passed anyhow—completed 9 out of 17 for a total of 120 yards, which would not have been a bad record for a fine day and no opposition to speak of.

#### AGGIE ENDS STAR

Individual honors of the game go to Webber and Munn for their great work at tackling and pass grabbing and to Swartz, Brandley and Stark for their passing, kicking, and generalship. The whole Wildcat aggregation worked like a piece of machinery. The Ames team did all that you could expect from any excellent football team under the circumstances. The Aggies beat them because they did a lot more than you could expect.

The officiating was without a flaw, notwithstanding the fact that it was often necessary to take soundings to locate the lime lines. The valet service gratuitously thrown in by the referee and the umpire made quite a hit with the crowd. After each down the ball had to be manicured and the mud shoveled off the faces of the backfield men. There was nobody to do it but the officials.

In spite of the elements—and "elements" was a mouthful last Saturday—it was a fine, smart football game, a not ignoble defeat, and a glorious victory. It will make mighty good stuff to tell to the next generation of Kansas Aggie students.—H. W. D.

### FROM THE PILOT'S LOOKOUT

(By Burr Swartz, Aggie Quarterback, Journalism '24)

The weather can stop a golf tournament, a tennis match, or a baseball game, but the game of football is played in any kind of weather. It really looked foolish to play the game with Ames in the downpour of rain—but that's football. It's a game for the game.

The water bottle was called for but once, and the guy that called for it about got killed by the rest of the players.

Of course some of the players got a drink when they really were not thirsty.

The Aggie ends played a flashing game in the snagging of the slippery ball. How they held on to it is a mystery.

Clements, who started at fullback, played a star game and his line smashes were a big aid in the Aggies' first touchdown.

The Aggies gave Ames the safety for the reason that the chances of blocking the kick were too great and if Ames should have recovered the ball it meant a touchdown. The goal posts were in front of the kicker which might have stopped the ball. Since it was the last quarter and the Aggies had a two touchdown lead it was the only thing to do. The Aggies figured that Ames might get away lucky for one touchdown but the thought of getting over with two was unimaginable so they presented the Iowa Farmers with a couple of points.

## SCRIBES IN SESSION

### SIGMA DELTA CHI, JOURNALISM FRATERNITY, MEETS HERE

Visitors from all Parts of Land Attending Annual Conclave Number 50—Three Day Convention Closes Friday

Delegates from 42 chapters representing colleges and universities from all parts of the United States are in Manhattan this week for the eighth national convention of Sigma Delta Chi, professional journalistic fraternity. The fourth estaters met in their first session Wednesday morning at 10 o'clock in Recreation hall where President W. M. Jardine delivered the address of welcome. Later sessions are to be held in Kedzie hall, the journalism building. The three day convention will close Friday.

A number of the approximately 50 collegians who are expected to attend the conclave arrived in the city today and the remainder are expected in tonight and in the morning. Large delegations from the Ames and Nebraska chapters plan to be here for the three days.

#### LUNCHEON THURSDAY NOON

The local chapter has been working all fall on plans for the convention and an extensive program of entertainment has been prepared for the visitors. The day sessions will be taken up almost entirely with business, and the delegates will be in meeting practically eight full hours a day during the last two days. A luncheon will be given to the local chapter and to the visitors by Theta Sigma Phi, journalistic sorority, on Thursday.

The big events are scheduled for the three evenings of the convention. On Wednesday evening a smoker will be given at the Community house by the downtown business men. Speeches will be given by several prominent college and downtown men and possibly by an out of town speaker yet to be secured. A dance will be the principal attraction on Thursday evening. It will be in recreation center.

#### BANQUET FRIDAY

The chief event of the program comes on Friday, the last evening. A banquet at the Gillett is to be the feature. The delegates, representatives of the faculty, of the local papers, and of the chamber of commerce will be guests of the chapter. Charles M. Harger, of Abilene, well known magazine writer, and E. Haldeman-Julius, of Girard, nationally famous author and publisher, have been secured to deliver the principal addresses.

On Saturday the delegates to the convention have been invited to be the guests of the Capper publications at Topeka. This company will pay the expense of the men who make the trip to Topeka and will entertain them after they get there. Since this is the biggest farm press in the country it is expected that many will take advantage of the opportunity.

### PAYNE IS NAMED SECRETARY OF NATIONAL ASSOCIATION

#### Aggie Professor Succeeds Cornell Man in Office

Prof. L. F. Payne of the K. S. A. C. department of poultry husbandry was elected unanimously as secretary and treasurer of the American Association of Instructors and Investigators of Poultry Husbandry at a recent meeting of the directors. The vacancy in this office was caused by the resignation of Dr. O. B. Kent of Cornell university who recently left that institution to enter commercial work.



# THE KANSAS INDUSTRIALIST

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Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kan.

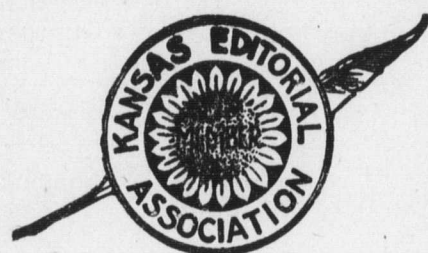
W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, NOVEMBER 15, 1922

## SIGMA DELTA CHI, WELCOME

The college is glad to welcome the delegates to the annual convention of Sigma Delta Chi, professional journalism fraternity.

Professional fraternities are occupying a larger and larger place in college and university life, especially in the middle western and far western states. In the small eastern college, where vocational instruction is not offered, the general fraternities, containing from 75 to 95 per cent of the men in college, cover much the same field that is covered by both the general and professional fraternities in states farther west. It is the boast of one of these institutions that, with a single exception, no first-class student has ever failed of election to a general fraternity.

With the smaller proportion of men in general fraternities in the middle west and far west, the professional fraternity occupies a distinctive place. So does it in the larger institutions of the east. It is one of the strongest influences in the direction of high ethical ideals in the profession or calling that it represents.

Sigma Delta Chi stands particularly high in this respect. This is as it should be. The newspaper is a quasi-public institution. As such it holds a public responsibility to perform a public service. It has not always recognized this, though probably it has stood as high as any other profession that might be named. In maintaining a high standard of ethics, journalists fight against heavier odds, and such errors as they make are more obvious, than in any other profession.

The standard of ethics in the profession is being raised, as standards always are, by the young. The old cling to the past and to the standards of the past. The young press forward. Youth is always, or nearly always, right.

Sigma Delta Chi, representing as it does a body, for the most part of young men, consecrated to special service in behalf of high ideals in the profession of journalism, has an opportunity to aid in the accomplishment of perhaps the most important task facing civilization—that of making the newspaper, as distributor of unbiased facts, the ultimate reliance of popular government. The influence of the fraternity in this direction is already manifest.

## CORN TASSELS

A. D.

The Kansas Optimist does credit to its name in the following entitled "Echo from the Hills:"

"The crops have failed and times are hard,

But don't it beat the dickens  
The way it helps a fellow out  
To have a flock of chickens?"

The man who says he is going to think it over, really means he is going to ask his wife, philosophizes the Burr Oak Herald.

Alan Eustace became the father of a girl while engaged in a wrestling bout in Kansas City the other night. We suggest he call the young woman "Mattie".—Concordia Blade Empire.

The country needs a higher tariff on nuts, prescribes the Atchison Globe.

"A pessimist," defines the Hunter Herald, "is a person who wouldn't care to be in clover for fear of contracting hay fever."

"If you give a boy all he wants some day he will want a pardon from the governor."—Atchison Globe.

A fat girl whose name was Mary Boasted, "I fox-trot like a fairy."  
Said her date, "You're too fat;"  
She replied, "What of that?"  
A balloon may be big but it's airy."  
—Mercedes Tribune.

In Asia many people are dying of starvation. In America many are dying of indigestion.—Atchison Globe.

After everybody gets well educated there will be nobody left to do our work for us, complains the Leavenworth Times.

## A QUARTER CENTURY AGO

Items from The Industrialist, November 15, 1897

T. W. Morse, '95, graduate assistant in '96, visited college this week.

Oliver Ezra Noble, '97, was elected county surveyor of Riley county, with a majority of 664 votes.

Miss Lorena E. Clements is enjoying a visit from her parents, who live in Sutphenon, Dickinson county, Kansas.

Ex-President George T. Fairchild has removed to Albany, N. Y., where he makes his home at 139 South Pine avenue.

Miss Minnie Trimmer, an experienced stenographer of Topeka, has been added to the force of the secretary's office.

A small frost is in that section of the country. A son was born to Mr. and Mrs. John Frost of Herkimer, last week.—Blue Rapids Times.

Superintendent Davis, of the printing department, is busy making preparations for the new college magazine—the monthly INDUSTRIALIST.

Prof. J. D. Walters will deliver an address at the annual meeting of the Swiss-American society of northern Kansas, at Marysville, November 20.

Miss Maud Gardiner, one of our last year's post-graduates, visited college last Tuesday, accompanied by her mother. Mrs. Gardiner lives at Bradford.

The Y. M. C. A. of the college was represented by eight regularly elected delegates at the state convention of the Y. M. C. A., which met at Lawrence the latter part of last week.

Miss Flora Allingham, a former student, and D. T. Davies, '95, were married last Friday. Both are well known in college circles, having lived in Manhattan many years. THE INDUSTRIALIST congratulates.

The faculty has decided to have the Thanksgiving vacation begin with the close of the session on Wednesday, November 24, and continue the rest of the week. College work will begin on Monday morning of that week. This is done to accommodate those desiring to go home for the holiday.

Altogether it may be seen that the agricultural colleges have done

much for the advancement of household science already, and more may be expected from each succeeding year.—The American Kitchen Magazine.

State Labor Commissioner Johnson visited college last Tuesday, for the purpose of obtaining data for his report. He was greatly interested in the classwork of Professor Bemis, and in our system of manual training.

The rapid spread of reform ideas is evinced by the phenomenal growth of the New Time, the Chicago magazine of social progress. In five months its circulation has increased 35,000. It should be in the home of every American citizen.

The third annual meeting of the Harvey County Farmers' institute will be held in the court house at

establishing their culture in the United States, if possible. Though a comparatively young man, Mr. Fairchild has studied in Germany, and has travelled around the world, stopping at length in Italy, India, Java, Australia, etc., and is eminently fitted for such an important position.

The thirty-first annual meeting of the Kansas Horticultural society will be held in the senate chamber of the state capitol at Topeka, on Tuesday, Wednesday and Thursday, December 28, 29, and 30. The agricultural college will be represented by Regent G. M. Munger, of Eureka, who will speak on "Forestry," Prof. E. E. Faville, who will read a paper on "Economic Points in Fruit Growing," and W. L. Hall, who will present "Our Need and Our Facilities for Increased Education in Horticulture."

## The Journalist's Creed

Walter Williams

I believe in the profession of journalism.  
I believe that the public journal is a public trust; that all connected with it are, to the full measure of their responsibility, trustees for the public; that acceptance of lesser service than the public service is betrayal of this trust.  
I believe that clear thinking and clear statement, accuracy and fairness, are fundamental to good journalism.  
I believe that a journalist should write only what he holds in his heart to be true.  
I believe that suppression of the news, for any consideration other than the welfare of society, is indefensible.  
I believe that no one should write as a journalist what he would not say as a gentleman; that bribery by one's own pocketbook is as much to be avoided as bribery by the pocketbook of another; that individual responsibility may not be escaped by pleading another's instructions or another's dividends.  
I believe that advertising, news, and editorial columns should alike serve the best interests of readers; that a single standard of helpful truth and cleanliness should prevail for all; that the supreme test of good journalism is the measure of its public service.  
I believe that the journalism which succeeds best—and best deserves success—fears God and honors man; is stoutly independent, unmoved by pride of opinion or greed of power, constructive, tolerant but never careless, self-controlled, patient, always respectful of its readers but always unafraid; is quickly indignant at injustice; is unswayed by the appeal of privilege or the human brotherhood can make it so, an equal chance; and, as far as law and honest wage and recognition of human brotherhood can make it so. An equal chance; is profoundly patriotic while sincerely promoting international good will and cementing world-comradeship; is a journalism of humanity, of and for today's world.

Newton December 9 and 10, 1897. The agricultural college will be represented by Prof. E. W. Bemis, who will speak on "Some Needs of the Farmer," and by Miss Josephine Harper, who will read a paper on "The Signs We Hang Out."

There are 348 pupils enrolled in the different classes of the music department this fall. Prof. A. B. Brown gives us the following classification: piano, 43; organ, 10; violin, 10; guitar, 23; mandolin, 4; cadet band, 19; orchestra, 29; cornets and other orchestral instruments, 25; advanced singing class, 66; pri-

The Alpha Beta band has reorganized. The officers are: President, J. F. Crowl; secretary, K. W. Hofer; treasurer, H. C. Shafer. The instrumentation is as follows: solo cornet, K. W. Hofer; 1st Bb cornet, H. C. Shafer; baritone, M. R. Johnson; solo alto, A. E. Oman, 1st tenor, J. F. Crowl; Eb tuba, O. D. Strong. New music has been purchased and the band is progressing nicely in its regular weekly meetings.

David Fairchild, '88, has been appointed by the secretary of agriculture to import rare and valuable seeds and plants, with the object of

We are in receipt of a well written and carefully illustrated bulletin on "The More Destructive Grasshoppers of Kansas," by the department of entomology of the state university. The bulletin deals especially, too, with the problem of protecting the large alfalfa fields of the southwestern countries from the ravages of these destructive pests. It anticipates that "from such large and favorable breeding grounds it is possible for grasshoppers to come forth in myriads, devouring everything vegetable in the locality."

The commissioned officers of the cadet battalion were announced Thursday morning; their names and positions are as follows: Senior captain, H. M. Thomas, captain company B; Schuyler Nichols, captain company D; A. D. Whipple, captain company A; F. Zimmerman, captain company C. First lieutenants—T. W. Allison, company A; J. G. Haney, company B; C. P. King, company C; and M. W. Sanderson, company D. Second lieutenants—A. E. Blair, company A; Frank S. Shelton, company B; Roscoe Nichols, company C; R. B. Mitchell, company D. Adjutant, E. V. Hoffman; quartermaster, W. A. McCullough.

## AN ENGLISH WOOD

Robert Graves in The New Republic

This valley wood is hedged  
With the set shape of things,  
Here sorrows come not edged,  
Here are no harpies fledged,  
No roc has clapped his wings,  
No gryphons wave their stings,  
Here, poised in quietude,  
Calm elementals brood  
On the set shape of things,  
They fend away alarms  
From this green wood.  
Here nothing is that harms,  
No bull with lungs of brass,  
No toothed or spiny grass,  
No tree whose clutching arms  
Drink blood when travelers pass,  
No mount of Glass,  
No bardic tongues unfold  
Satires or charms.  
Only, the lawns are soft,  
The tree-stems grave and old,  
Slow branches sway aloft,  
The evening air comes cold,  
The sunlight scatters gold,  
Small grasses toss and bend  
Small pathways idly tend  
Towards no certain end.

## EVOLUTION OF THE STOVE

Dr. J. D. Walters in Kansas State Engineer

The main step that the art of housewarming took subsequent to the settlement of America was the perfection and introduction of the iron stove for both cooking and heating purposes. The first stove of this kind is said to have been designed by Benjamin Franklin in 1744. It stood out from the wall and consisted of a square iron box with an iron top. The front was open and on the rear was a smoke pipe that connected with the chimney. It gave heat through the iron plates. The next improvement was the provision of a small front doorlet on wrought iron hinges. This change led gradually to the construction of the complex parlor range with regulating valves, mica windows, and nickel plated metal frame.

Later it was decided to put the whole warming apparatus in the basement and to circulate air, obtained from the outside, through what we now call a "furnace." The hot air furnace was a great advance over the stove, but it was soon followed by the invention of steam heating and hot water heating. The first complete steam plants for heating purposes were built about a century ago, yet it took 50 years until they became common. James Watt, the inventor of the steam engine, is said to have used steam for heating his study in the winter of 1784-85. Watt's pipe-line was of the "one pipe" kind; the "two-pipe" circulating steam came later.

Another step in steam heating was the introduction of the self operating air valve in the radiator. At first people had to operate these valves by hand, but later they were made to work automatically, i. e., to open when the radiator became warm and to close when it was filled with steam and became hot. The hand valve was often neglected, either in the opening or in the closing, and the result was unsatisfactory heating, or the flooding of the rooms by escaping water or steam.

C. G. Elling, extension animal husbandman, and M. H. Coe, assistant state leader of boys' and girls' clubs, have written a general pig club bulletin. When ready for distribution it will be sent to all pig club members in the state. The subject matter deals with feeding principles, quarters and sanitation, management of breeding sows and litters, management of market classes, and management of breeding classes of the different types of hogs. The manual will prove a valuable help to those interested in hog production.

During the last 20 years the farmers of Kansas have produced approximately 400 million dollars' worth of hogs, or 20 million dollars' worth each year.

The first step toward saving in production is in finding out where the unnecessary expenses are incurred. This can be done only by keeping careful farm accounts.



## AMONG THE ALUMNI

Cecile Allenthorp, '07, is located at 720 Geele avenue, Sheboygan, Wis.

Roy E. Clegg, '22, is teaching manual training, physics, and agriculture in Altoona high school.

E. W. Winkler, '21, is teaching vocational agriculture in St. George high school. He has 15 boys enrolled.

Beulah Wingfield, '14, is working for her master's degree in government at Radcliffe college, Cambridge, Mass.

L. J. Horlacher, '19, is chief of the section of sheep industry in the college of agriculture at the University of Kentucky.

Walter J. Rogers, '22, and Gladys (Bergier) Rogers, '19, are located at 615 Gypsum, Salina. They formerly were at Crete, Nebr.

Orliff E. Smith, '15, took a degree in business administration at the University of Illinois in 1921, and is now working for the S. S. Kresge Stores company. He is located in Kansas City.

W. J. King, '09, in renewing his membership takes occasion to remark that he is now connected with the Portland Cement association with headquarters in Topeka. His home address is 627 Brooks avenue.

E. M. Jorgenson, '07, is clerk of rural high school district number 4, Jewell City. He reports as he checks in with an active membership that he and Annie (Harrison) Jorgenson, '09, are rearing three prospective Aggies.

Clementine Paddleford, '21, who attended New York university last winter, is now in Chicago, doing special feature writing for the American Farm Bureau federation and the Agricultural News service, and assisting in the editing of the Milk Market Reporter.

R. Straka, '18, checking in as an active member, reports that she is still chief dietitian at the Presbyterian hospital in Chicago. She has recently returned from a southern trip which followed her attendance at the national convention of the American Dietetic association in Washington, D. C.

Warren Crabtree, '20, has taken the position of head of the Smith-Hughes work in the McLaughlin Union high school, Milton, Ore. He formerly was assistant to the state director of vocational education in Idaho. "We are finding this second stop in our Westward Ho fully as pleasant as that in Idaho, except that there are few Kansas people and no K.S.A.C. people around here," Dora (Cate) Crabtree, '20, writes.

**"Cap" Loomis Coaching Canucks**  
Fred H. "Cap" Loomis, '13, writes from Saskatoon, Sask., Canada:

"The University of Saskatchewan, which includes the agricultural college, is located here. It is a young school, only 12 years old, with a present enrolment of 1,200, but is growing rapidly. The buildings and equipment are the best I have seen at any college. A new \$400,000 physics building has just been completed; a \$600,000 chemistry building is now in the process of construction and work is to be started soon on a million dollar gymnasium, one feature of which will be a gallery seating 3,500 people for basketball, indoor track meets, etc. A large wing will be built to be used as an ice-skating rink, for ice hockey is one of the leading inter-collegiate sports here.

"In addition to my regular work as chemist for the Interprovincial Flour mills, I am head coach of the football-rugby team at the university. I have a fast bunch, and next Saturday we play the University of Alberta here for the western Canada intercollegiate championship.

"Canadian rugby is breaking almost entirely away from the English style and now with the exception of the prohibition of the forward pass and certain restrictions on running interference, it is almost exactly like the American game. I think the forward pass will be adopted next year."

### They Like Cowell

The following clipping was taken from the Iola High School paper, the Iola Lampoon:

Mr. Warren C. ("Brady") Cowell is, beyond the shadow of a doubt, the best coach Iola High School has had for a number of years. In fact he has developed a team which compares favorably with those of the olden days when Dunham, Seymour, Thompson and Oliver played.

Mr. Cowell's home is at Clay Center, Kansas, and he is a graduate of K. S. A. C. While at college Mr. Cowell earned three letters in each of the three sports: football, basketball and baseball. This makes him a total of nine letters in three years.

In football, where he played half-back, he was one of the most aggressive and consistent performers on the team. In basketball, as guard, he was one of the cleverest defensive men in the Missouri Valley. In his senior year he was captain of his team. On the baseball team he played second base and it was hard to find his equal in the field or at bat.

No doubt few students realize how fortunate I. H. S. is to have Mr. Cowell, but it is hoped that they will soon wake up to the fact and learn to appreciate him. Under his expert guidance I. H. S. can be assured of a successful athletic year.

### Aggies and Future Aggies Camp

"A camping party which invaded Vermont via the Mohawk trail last summer was composed of these Aggies and future Aggies—Lester A. Ramsey, '06; Ruth (Neiman) Ramsey, '06; Lloyd Albert Ramsey, '38; and Jean Louise Ramsey, '40: according to a letter from the chief of the party.

### Aggies at Montana State

Six Kansas Aggies are on the faculty of Montana State college at Bozeman, Mont., according to J. W. Barger, '22, and two former students live in that city. "Although we have no club or organization," Barger writes, "we are thrown together occasionally, and on these occasions we never fail to talk of K. S. A. C."

### To Visit Engineering Alumni

R. A. Seaton, '04, dean of the division of engineering, will present a paper "The Organization of an Engineering Experiment Station," at the annual meeting of the Land Grant College association in Washington, D. C., November 21-23. He will go to Washington by way of Chicago and Pittsburgh, stopping off at each place to visit with engineering graduates. He will also visit with graduates of the division in New York City and Schenectady on his return journey.

President W. M. Jardine will also attend the meeting of the association.

### Davis' Children Former Students

Mary Frances (Davis) McCormick, eldest daughter of Governor-elect Johnathan Davis, is a former K. S. A. C. student. Her husband is Dewey Z. McCormick, '21. Mrs. McCormick had a splendid scholastic record during her three years in college, although she did not remain long enough to gain the important honors for scholarship which are awarded to juniors and seniors. She is a member of the Kappa Kappa Gamma chapter here.

Russell, only son of the governor-elect, is also a former K. S. A. C. student. He was here the school year of '15-'16, being forced to withdraw by injuries suffered during practice in gymnastics. He will manage his father's farm during the latter's incumbency.

## LOOKING AROUND

OLEY WEAVER, '11

"Yours for an all-victorious Wildcat team."

Thus endeth the reading of so many letters from alumni to this office. For which reason pardon may be granted if a few remarks are made.

The Aggies are finding themselves. The football team has a remarkable record—six games without defeat—five of them Missouri Valley conference contests—another to be played. No Valley team had a more difficult schedule. The Wildcats took on the biggest of them, and without rest periods.

Remember the old slogan, "Beat K. U."? It has been done two successive years. Reference is to final conference standing, not to comparative scores. Last year the university won its game from the Aggies but stood lower in the percentage column at the end of the season. This year the team tied, in the annual contest, but the Aggies are away out in front in conference standing. K. U. cannot overtake them.

"Beat K. U." is old stuf. Speaking of football, that's that.

The Aggies are finding themselves. That goes for the alumni also. Out over the state the men and women holding degrees from K. S. A. C. are awakening. They are showing fight. Associations of alumni and former students are being organized and new life is springing up in the old organizations. Every association will be a fighting unit to take a part in the stadium campaign.

Kansas City (both of them as one), Topeka, Wichita, Hutchinson—all are getting together the material from which to pick teams. They realize the campaign can no longer be delayed and are diligently making ready. They take for granted that the smaller cities and communities will follow example. Much preparation must be made before the kick-off.

The source of all this pep? Who knows? Every loyal Aggie has it, and has had it. He is only letting it have rein now. He realizes as never before that he made no mistake in choosing his institution. The old school is alive—just as its football team is alive and fighting. And the sleepy alumnus knows that he must arouse himself and step to keep from being run down.

Perhaps the football team has broadcasted the spark of inspiration. All credit to them! It could not be better placed. The alumni seem now to be adopting the attack methods of the team—study the enemy defensively, then bore in with the best you have, and fight 'em.

When the big game for which the alumni are aligning themselves is over, the stadium will have been pledged.

### Fifteen for Frankenhoff!

C. A. "Frank" Frankenhoff, '18, writes from the Quaker City:

"Charles A. Frankenhoff, Jr., will help win laurels for old Kansas State college beginning 1942. He was born August 24 of the present year. I expect to see him play fullback if he continues to grow. He could substitute very well now for a cheer leader.

"John Rathburn, '16, and Charlotte (Hall) Rathburn, '17, call on us occasionally. Homer Cross, '19, and Velma (Carson) Cross, '19, pleasantly surprised me by calling two weeks ago.

"Please have THE INDUSTRIALIST forwarded to me at 522 Bulletin building, Philadelphia. I shall be mighty glad to have all fellow Kansas Staters pay me a call when in Philadelphia. The Bulletin building as at the northeast corner of City Hall square, only one square from the Reading terminal. Who will be the first caller?

"I wish the best of success to the stadium drive, which will have my hearty support."

### A '20 Turns Gypsy

Mabel (Bentley) Imes, '20, writes in from "Auto Tent, Marble Creek, Idaho—where the mountains go straight up" that she has become a gypsy, having spent the past 28 months with her husband in the mountains of northern Idaho and western Washington claiming a Ford car and an auto tent as their only home. "This year," she writes, "we have been accompanied on our gypsy tour by our small son, Randall Bentley Imes, who has now passed his sixth month, four of them having been spent in a tent that has moved around a lot."

### Edna (Coith) Atkinson, '14, Dead

Edna (Coith) Atkinson, '14, died unexpectedly October 23, at Danville, Va. Mrs. Atkinson was graduated with honors from K. S. A. C. She was employed for two years as assistant in home economics at the Illinois State normal, Bloomington. In 1917 she was made head of the home economics department of Winthrop college, Rock Hill, S. C., and in 1919 was chosen for state supervisor of home economics in North Carolina. In August, 1920, she was married to the Rev. George H. Atkinson, a strong proponent of the cause of higher education for southern women. In 1921 she was called to the position of dean of women at the Florida state college for women, Tallahassee. This was her last public work.

### Moxley Wins a Few Prizes

J. J. Moxley, '22, smiled modestly but broadly when asked Homecoming day how he was getting along with his horse and cattle business. He has been in charge of the Riley County Breeding farms, Leonardville, since graduation last June. Percheron horses and Hereford cattle are grown on the farms.

"We did fairly well at the fairs," Moxley admitted. "Our horses won six out of 10 grand champions in the shows at Topeka, Hutchinson, Oklahoma City, Muskogee, and Dallas. Besides that they won three reserve grand champions. They took 25 blue ribbons and 15 red ones in 49 classes. We didn't show cattle."

### Paging Scott County Aggies

Blanche (Burt) Yeaton, '14, Shallow Water, issues a call for a get-together of Scott county Aggies. Object, the formation of a county alumni association.

### C. H. Zimmerman, '16, to Italy

J. Henry Zimmerman, '12, writes interestingly of the work he and his brother C. H. Zimmerman, '16, are doing in the aeronautics department of the Goodyear Rubber company at Akron, Ohio. However, his remarks are confined mainly to the doings of his brother.

C. H. Zimmerman spent July and August in Italy as an emissary of the Goodyear company. He induced an eminent Italian aeronautical engineer to come to the Akron plant for the purpose of instructing the Goodyear engineers in the most advanced practice in the construction of semi-rigid lighter-than-air craft.

The trip also took Zimmerman to France, Germany, Switzerland, and England. While in Germany he visited his mother's sisters and families, whom he had never seen, and with whom he could only talk through an interpreter.

## JIM HARBORD TELLS HOW PEACE DOVE GREW SPURS

Aggie Alumnus Deputy Chief of Staff Declares Pacifists Did an About Face Within a Month

The speed with which human nature may bring a nation into war, the quickness with which even ardent pacifists demand a bloody battle to the finish when an issue arises, was brought home with startling clearness by Major General James G. Harbord, '86, deputy chief of staff, in an address recently before the New York post of the army ordnance association.

General Harbord, in an ironical attack on pacifism, referred to the recent storm which arose in this nation when it appeared a holy war threatened in the near east.

"In July," said General Harbord, "a solemn demonstration with flaunting banners, music, and speeches was held in Washington, in the course of which the President was urged to set aside a 'no more war day' for annual observance. The movement was said to be nationwide. War was to end. The dove of peace was to take on immortality.

"In September, the war drums began to throb in the near east. There was a rush of troops and warships to the cross roads of the world, the city of the golden horn. Britain was at the breach. The League of Nations scuttled for the cyclone cellar. The cynical old world diplomats smiled and began to pin on their decorations preparatory to taking seats at the council table. Mustapha Kemal, a Turk I know to be a decent young man trying to do for his country what you and I would do for ours in a similar situation, was represented as sharpening his scimitar on the tomb of Mahomet to slit the throats of the infidel. The faithful had once more raised the crescent against the cross.

"Thus the headlines got in their deadly work, and the White House was overwhelmed with demands that our country intervene in the near eastern situation, and if necessary, join England in war against Turkey. Resolutions were adopted all over the country insisting that the Turks must be checked at any cost.

"Most of this insistence came from organizations apparently willing to invoke war without giving the diplomats even a chance to settle things. The class which would disband the army and scuttle the navy a year ago, now wanted a host and an armada to move against the Turk. Those who condemned even our niggardly appropriations in 1921 now demanded a war to a finish regardless of cost. The supporters of the league in 1919 were now howling for blood. In a month the dove of peace had grown spurs."

### McRuer Taking Post Grad Work

W. J. McRuer, since graduation a county agent in Nebraska, has seen the value of additional technical training and has been willing to give up a good salary in the field of practical agriculture and spend the time to take advanced work. He is enrolled as a post graduate student in the college. In addition to his graduate studies, Mr. McRuer is assisting in laboratory courses in soils in the agronomy department.

## BIRTHS

Walter J. Rogers, '22, and Gladys (Bergier) Rogers, '19, announce the birth July 23 of a son whom they have named John Bergier.

Orliff E. Smith, '15, and Mrs. Smith, 3241 College avenue, Kansas City, Mo., announce the birth October 28 of a son whom they have named Robert Leland.

C. H. Zimmerman, '16, and Myrna (Lawton) Zimmerman, '17, Akron, Ohio, announce the birth August 31 of a son whom they have named Charles Ivan.



## HOW TO PLAN GROUNDS

### DICKENS' TALK ON IMPROVING HOME PLACE BROADCASTED

Head of Department of Horticulture Gives Number on Star's Educational Series—Dean Holton to Speak Saturday Night

Prof. Albert Dickens, head of the college department of horticulture, delivered an address on "Improving the Home Place" which was broadcasted by the Kansas City Star radio sending station Friday night. The address was the third of the educational series given by K. S. A. C. faculty.

E. L. Holton, head of the department of education and dean of the summer school, will give the fifth number Saturday night. Professor Dickens' address, in part, follows:

"Everyone is planning for improvements. Inside or outside the home some change suggests itself that will add to the convenience or the beauty or the satisfaction of ownership. Improvements made with lumber, or plaster, or brick or stone should be carefully considered and well advised so that the expense may be an investment and be an added value to the property. So, too, should any change or addition to the grounds and plantings be carefully considered, for while you may hope that your brick and lumber and paint may increase your estate by the amount expended, the cost of trees, shrubs, flowers and lawn should compound interest and double the investment every few years.

#### SOME PERFECTLY PLANNED

"There are some few places that seem to be perfectly planned and planted. To maintain this condition some thought must be given and some action taken that the factors of soil and surroundings favoring the continuance of the high degree of excellence may be maintained. The old Scotch gardener's directions for getting a good turf on the golf course, 'Get a good soil, put on plenty of seed, water it, roll it, weed it, then keep putting on more seeds and fertilizer and rolling it and in a few hundred years you will have a very good turf,' need not discourage any one for you will have made a very fair lawn in the long meanwhile.

"Good lawns are not always easy to secure or maintain for it takes food in the soil to grow grass and an application of fertilizer should be one of the regular exercises. Bone meal, some wood ashes, or some of the complete lawn fertilizers may be used, or rotted manure free from weed seed may be applied and raked in.

#### GRASS PART OF PICTURE

"Grass is the background of your picture and the foundation of your plan. If there are thin spots, sow some seed. Enrich the soil, let a mulch of leaves protect it over winter, and keep it damp through early spring.

"Make a plan or get someone who can make or suggest one. It may be easily changed while on paper and be sure that the arrangement is a good one. All the artists and architects stress curved lines. Natural arrangement, mass plantings, and open centers are familiar phrases and their combination in a harmonious way will give good results.

#### TOO MANY TREES OFTEN

"Many places need some thinning. A few well grown trees are much better than a large number of ill shaped ones. Now that the leaves are down it is well to look them over and decide which ones should be removed. Most of the common shade trees will demand an area forty feet in diameter and really fine specimens may need much more territory.

"The choice of a tree is a most important matter. It should be adapted to your soil, your location and the area it may occupy. For a small yard a tree that will not make a wide, open growth should be selected, such as a hard maple, a pin oak, a haw-

thorn or a persimmon. For big country places trees that will attain goodly size and maintain a form suggestive of strength and vigor should be selected.

"Nearly every farm may well add more trees to its resources. Every waterway should be planted. The trees are the very best crop that may be grown in such locations. They hold the soil, reduce the velocity and the erosive power of the run-off-water, add wealth to the owner and give joy to everyone.

#### SHRUBS FOR BLENDING

"The farm woodlot as a source of lumber and fuel supply is increasingly important. Plan to plant trees. In the planting for effect, shrubs must usually provide for the blending of lawn and trees. They are nature's nurse crops for young trees. Nature plants seeds along foundations and we hurry the process by setting suitable shrubs to break the hard lines. Spireas, honeysuckles, Japanese barberry, sumac, elder and a host of others are used.

"The quickest results obtainable are secured with bulbs. A few dozen crocus, tulips, and narcissus, planted tomorrow, will almost surely reward you with abundant bloom in March and April. Set in a border where they need not be disturbed they will declare annual dividends of increasing proportions. Then plant some peonies and iris where you may have them for long years to come. Columbine and larkspur and then in spring reinforce them with the tender bulbs and annuals."

### CULBERTSON EXPLAINS NEW METHOD OF MAKING TARIFF

Member of Important Commission Gives Address at College

Using the old form of making tariffs in contrast with the proposed new method, as his subject, Dr. W. S. Culbertson of the United States tariff commission addressed the student assembly recently. Dr. Culbertson is a graduate of Yale university. He has been connected with the tariff commission for many years.

The big change in tariff making, if the new method is adopted, will invest the president with the power to adjust rates without referring the details back to congress. He will have the power to increase or decrease the rates to the extent of 50 per cent. The president may change the tariff rates only with the authorization and approval of the tariff commissioners.

Formerly, according to Dr. Culbertson, it took as long as 18 months to draft a new tariff. Every element in industry was present to obtain the best rates for his interests. Thousands of details, including statistics of every industry, from making shoe-strings to tractors, had to be noted. For these details, opinions of interested parties had to be taken, or a guess made as to what should be the proper rate. Formerly all of these details had to be brought before congress for its approval, raising innumerable difficulties over details and using a great deal of time.

Providing the new method for making tariffs is passed, Dr. Culbertson stated it would prove more efficient by getting facts systematically, and through informed investigators, and would save time in drafting by not presenting details to congress. The main object accomplished would be the equalization of cost of production of competing countries.

Too much cottonseed meal in the dairy cow's ration will produce hard, tallowy butter, light in color and poor in flavor.

In packing meat, put it in the brine skin side down except the top layer which should be turned flesh side down.

One quart of rice cooked in a double boiler will absorb a quart of milk. This will make a nourishing food, especially for children.

## ENGINEERS GET JOBS

K. S. A. C. '22 CLASS NEARLY 100 PER CENT TRUE TO PROFESSION

Only One of 60 Graduate of Last June Not Practicing Some Branch of Vocation for Which Prepared—All Accounted For

The engineers of the K. S. A. C. class of '22 are practically unanimous in following the profession for which they fitted themselves, according to information secured by Dean Roy A. Seaton, '04. Sixty were granted degrees last June, and 59 are now engaged in engineering work. The one who is not following the profession is farming, but he was graduated in agricultural engineering, so his defection is not great.

Eighteen of the 60 graduates are in Kansas. Twenty-five per cent are in Illinois, and the remainder are divided among 15 other states.

#### ELECTRICIANS LEAD

The electrical engineering graduates were the strongest numerically, numbering 28. Sixteen were mechanical engineers, nine civil engineers, four architects, and three agricultural engineers.

The names of the graduates and their present positions follow:

Agricultural engineers—Dale Allen, farmer, Burlington; R. B. Crimmin, manufacturer, Laconia, N. H.; V. W. Stambaugh, graduate student, Iowa State college, Ames, Iowa.

Architects—W. H. Koenig, architect with Berlin, Swern, and Randall, architects, Chicago, Ill.; E. E. Kraybill, with Charles Dawson, architect, Muskogee, Okla.; Walter Rolfe, student at Massachusetts Institute of Technology, Boston, Mass.; and R. J. Maltby, architect with Mann and Gerow, architects, Hutchinson.

Civil Engineers—H. L. Brown, oil field engineer, Augusta; H. H. Connell, highway engineer, Junction City; C. R. Hatfield, municipal engineer, Eldorado; R. L. Bumgardner, highway engineer, Altoona; Glen E. Gates, railway maintenance engineer, A. T. & S. F. railway company, Topeka; N. D. Lund, county engineer, Atchison; R. G. Scott, municipal engineer, Kansas City, Mo.; L. F. Whearty, highway engineer, Emporia; and Murray A. Wilson, municipal engineer, Hays.

#### WITH LARGE PLANTS

Electrical Engineers—student engineers: J. E. Beyer, Duquesne Light company, Pittsburgh, Pa.; O. K. Brubaker, Western Electric company, Chicago; R. L. Chapman, Educational department of General Electric company, Shenectady, N. Y.; E. R. Domoney, Michigan State Telephone company, Detroit, Mich.; Asa H. Ford, Chicago Central Station institute, Chicago; G. M. Glendenning, General Electric company, Shenectady, N. Y.; R. S. Jennings, Utah Power and Light company, Salt Lake City, Utah; W. R. Bradley, P. M. McKown, J. M. Miller, George H. Reazin, and Harold S. Nay, Western Electric company, Chicago; George H. Bush and K. O. Houser, General Electric company, Fort Wayne, Ind.; R. M. Crow and P. J. Phillips, Southwestern Bell Telephone company, Topeka; R. K. Elliott and M. C. Watkins, Chicago Central Station institute, Chicago; G. L. Garloch, T. J. Manry, H. E. Woodring, and L. E. Rossel, Westinghouse Electric and Manufacturing company, Pittsburgh, Pa.; P. J. Hershey, Western Electric company, New York City; E. E. Thomas, and F. D. Nordeen, General Electric company, Shenectady, N. Y.; J. J. Seright, Southwestern Bell Telephone company, St. Louis, Mo.; H. I. Tarpley, graduate student, University of Illinois, Urbana, Ill.; H. G. Hockman is engineer at Beattie.

#### STILL STUDYING

Mechanical Engineers—Student engineers—T. E. Johntz, and M. H. Banks, General Electric company, Schnectady, N. Y.; A. J. Brubaker, Western Electric company, Hawthorne, Ill.; A. C. DePuy, Edison Electric Light company, Chi-

cago; Guy Oden, Empire Gas and Fuel companies, Bartlesville, Okla.; E. F. Stalcup, and H. B. Headrick, Westinghouse Electric company, Philadelphia, Pa.; and Charles Zimmerman, Western Electric company, Chicago. Special engineers—R. L. Hamilton, A. T. & S. F. railway company, Topeka; Roy Eckert, A. T. & S. F. railway company, Raton, N. M. Mac Short is navigation engineer for the United States war department, McCook field, Dayton, Ohio. Oscar Cullen is teaching manual training in the Wetmore high school. James W. Pryor is associate professor of mechanical engineering at Prairie View, Tex. O. F. Fisher is engineer at the Anthony Salt works, Anthony, D. G. Lynch is assistant chief engineer for the Vacuum Oil company, Chicago. Amos O. Payne is machinist at the Coleman Lamp works, Wichita.

### FIVE OF MUSIC FACULTY ARE ON RECITAL PROGRAM

Miss Warren and Miss Ellis Are Featured

Miss Gladys Warren, pianist, Miss Edna Ellis, soprano, and Miss Elsie Smith, accompanist, assisted by Robert Gordon, cellist, Harry King Lamont, violinist, all of the college department of music, appeared in the program of last Sunday's afternoon concert at the auditorium.

An unusual feature of the program was the diversity of numbers. Miss Ellis sang selections in Italian, French, and English. Her last number, "De Puis le Jour" by Charpentier, with violin and violoncello obligatos was especially good. Miss Ellis sings with great ease and has a remarkably clear voice.

Miss Warren proved that she could do many types of composition equally well. Her sympathetic interpretation of each selection gave it extraordinary individuality. Miss Warren's playing of "Humoreske," by Rachmaninoff, had those clear vibrant qualities that only a Rachmaninoff composition, played well, can have. The audience especially appreciated Miss Warren's last number, "Tango American," by Carpentier, which was a classical interpretation of modern syncopation.

Next Sunday, Mr. Boyd Ringo, pianist, and Mr. Otis Gruber, tenor, will appear on the program.

### SULPHUR FELLOWSHIP HERE HELD BY PROF. O. C. BRUCE

Fund of \$1,000 a Year Provided To Carry on Study

O. C. Bruce, who has been on the teaching and research staff of the University of Maryland for several years and who is a graduate of the University of Missouri, is working towards a master's degree in soil fertility under Dr. M. C. Sewell of K. S. A. C., under one of several sulphur fellowships established by the national research council to conduct fundamental investigations on the agricultural applications of sulphur. The funds for these fellowships have been obtained by a grant from a Texas sulphur company.

The work will include investigations on the value of sulphur in the control of potato scab, nematodes, soil insects, and sweet potato diseases. The value of sulphur as a fertilizer for alfalfa and other legumes, and the effect of sulphur on alkali soils are also to be studied.

Applications for the fellowships are restricted to graduate students or members of experiment station staffs. Fellows are expected to devote practically their entire time to the investigations, except for such work as may be necessary to meet the requirements for an advanced degree. Each fellowship will carry an annual stipend of approximately \$1,000, and will be administered by a special sulphur fellowship committee of the advisory board of the American Society of Agronomy, in conference with the executive committee of the division of biology and agriculture of the national research council.

## AID TO SPUD GROWERS

FARMERS AT POTATO SHOW TESTIFY TO COLLEGE SERVICE

Annual Exhibition, Held at Topeka last Week, on Much Larger Scale than Formerly—Steps Taken to Perfect Selling Plan

How the experiment station and the extension service of Kansas State Agricultural college has helped Kansas potato growers to reduce their losses from insect pests and diseases was testified to last week by Kaw and Arkansas valley farmers at the Kansas Potato show, Topeka, in reports on spray and seed treatment tests. Growers of Irish and sweet potatoes reported particularly large increases in yield through seed treatment with corrosive sublimate.

Charles Speaker of Kansas City, whose yield of sweet potatoes had sometimes been cut down from a normal yield of 300 bushels an acre to 75 bushels an acre by black rot, controlled the disease last year by seed treatment and bin fumigation. A particularly large difference in sweet potato yield of 300 bushels an acre between plots from treated and untreated seed was reported by Clifford Pine of Lawrence. These growers followed the seed treatment demonstrated in farm bureau meetings.

#### SHOW LARGER THIS YEAR

Grant Kelsey of Topeka reported substantial increases in potato yield from bordeaux mixture sprays on a test plot run in cooperation with the college.

The potato show was much larger than the first show last year. One hundred fifty exhibits were entered. Forty of these were Kansas grown Irish Cobblers and 27, Kansas grown Early Ohios. M. S. Kelsey of Topeka won first on his exhibit of Irish Cobblers and Herman Theden of Bonner Springs won first on Early Ohios. The sweet potato exhibit filled one side of the city auditorium pit.

#### EIGHT STATES EXHIBIT

One table was set aside for exhibits of ideal type potatoes from several potato growing sections of the United States and Canada. Eight states entered 36 samples.

At the Friday meeting steps were taken to perfect an efficient selling organization within the Kaw Valley Potato Growers' association.

The show was in charge of Prof. L. E. Melchers and E. A. Stokdyk of the college, and F. O. Blecha, Shawnee County agent.

### 'GREATEST MALE QUARTET' PLEASES LOCAL AUDIENCE

Criterion Singers Give First Number of Artist Series

The Criterion Male quartet made its first appearance before a Manhattan audience last Wednesday evening at the college auditorium. The first number of the Artist series, it was attended by 1,100 persons.

The reputation of the Criterion quartet as being the best in the United States seemed to those who heard it, well deserved. As a quartet it had perfect harmony and excellent musicianship and each member proved himself a soloist of no little ability.

The tenor solo, "Celeste Aida" by Verdi, sung by Frank Melor, was especially good. The tenor had splendid pronunciation and clear intonation.

The piano solo by Miss Elizabeth Estle Rucker, accompanist, was vivacious and spirited, and showed excellent technique.

The quartet's repertoire was varied and interesting. Familiar songs held new interest because of unusual arrangements. Perhaps the number most appreciated was "De Sandman," by Protheroe, and "Drum," by Gibson. The humorous selection scored a big hit for its cleverness and originality.

Few numbers have given more genuine pleasure than did the Criterion Male quartet. The audience showed its appreciation by generous applause and the quartet responded freely to encores.



# THE KANSAS INDUSTRIALIST

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Number 10

## HARBORD TO QUIT ARMY

FAMOUS AGGIE GRAD WRITES RESIGNATION EFFECTIVE JANUARY 1

Will Head Radio Corporation of America—Weeks and Pershing Praise General's Qualities—Would Have Been Next Chief of Staff

Retirement from the army of Major General James G. Harbord, '86, deputy chief of staff and one of the most outstanding American military leaders in the world war, to accept the presidency of the Radio Corporation of America, was announced November 18 by Secretary Weeks.

General Harbord's retirement becomes effective December 29, and he will take up his new duties January 1. He had been selected to succeed General Pershing as chief of staff on the latter's retirement and Secretary Weeks said in his formal announcement that the loss to the active forces of the army through General Harbord's separation from the service "cannot be adequately expressed."

### WEEKS PRAISES HARBORD

"We have not had in our military service, or in our government service in any capacity, a man of higher qualities or one who has inspired in others a greater degree of confidence," said the war secretary. "The business he will enter is in its infancy, and it will offer full scope for his abilities. That he will prove himself a great leader in industry and commercial affairs seems as certain to me as his great leadership in military activities. I have an acute sense of personal loss in his going. His ability and loyalty have been of vital importance to me in administering the affairs of the war department."

In his letter to Secretary Weeks, applying for retirement, General Harbord pointed out that he had been in active service for 33 years, "having enlisted on January 10, 1889, with continuous service since enlistment, more than 16 years of such service being abroad."

### PERSHING, TOO, REGRETS

General Harbord has had the offer from the Radio corporation under consideration for almost a year. His acceptance was opposed by Secretary Weeks and other officials, including General Pershing, who made this statement:

"I feel that I am voicing the views of the entire army in expressing keen regret that General Harbord has decided to go into civil life. His distinguished services abroad and throughout his life need not be recounted, as they are well known to all Americans. We shall miss him in our councils. We wish him the greatest success in his new career, and I predict that his unusual experience as an organizer, administrator and executive of great enterprises will insure his success in the business world."

### 'ABLEST OFFICER I KNOW'

Even higher praise of General Harbord's qualities was voiced by General Pershing in the following indorsement made on a routine efficiency report concerning the retiring officer:

"A superior officer in all respects—able, efficient, loyal. His ability as a commander is without limitation. Has a most thorough knowledge of both staff and command duty. 'The ablest officer I know.'"

## EVOLUTION OF THE BOOK SEEN IN CONVENTION EXHIBIT

Collection Lent to College by Chicago Publisher

Among the features of the Sigma Delta Chi convention here last week was an exhibit showing the evolution

## Delegates and Visitors at Sigma Delta Chi Convention



TOP ROW—N. S. Barth, K. S. A. C.; A. D. Dailey, K. S. A. C.; Eugene Thackery, Depauw; Theodore Christian, Denver; Roy L. French, Wisconsin; Chilson Leonard, Cornell; Henry C. Fulcher, Texas; D. R. Tobin, Ohio State; Wallace Abbey, Northwestern; Ralph Shideler, K. S. A. C.

FIFTH ROW—Henry D. Ralph, Beloit; Lorenze Wolters, Iowa university; C. E. Rogers, Oklahoma and K. S. A. C.; George H. Godfrey, Oregon; Grayson Kirk, Miami; Arthur S. Bowes, Purdue; Nelson P. Poynter, Indiana; I. E. Showerman, Illinois.

FOURTH ROW—L. M. Nevin, Pittsburgh; Walter C. Folley, North Dakota; Craig Johnson, Knox; H. H. Ayer, Maine; Ralph Crosman, Colorado; Alfred Willoughby, Wisconsin; E. T. Keith, K. S. A. C.; Kenneth Stewart, Stanford; Dana Norris, Grinnell; Ed. Amos, K. S. A. C.

THIRD ROW—Karl Wilson, K. S. A. C.; T. Adams, Louisiana; Owen Cowling, Washington; Edmund S. Carpenter, Marquette; Frank L. Snow, Oregon State; E. Parrish Lovejoy, Jr., Michigan; C. F. Moran, Western Reserve; C. R. Smith, Harold Hobbs, and Albert Mead, K. S. A. C.

SECOND ROW—Paul Fredericksen, Columbia; W. E. Drips, John S. Dodds, Marc Buetell, Mortimer Goodwin, and Jewell W. Johnson, Iowa State; A. S. Tousley, Minnesota; Gerald F. Perry, Missouri; Hutton Bellah, Oklahoma; William O. Cogswell, Montana.

BOTTOM ROW—N. A. Crawford, K. S. A. C.; Conrad E. Larsen, and F. W. Beckman, past honorary national president, Iowa State; Ward Neff, national treasurer, national president elect, Chicago; Kenneth C. Hogate, national president, New York City; Lee A. White, past president, Detroit; T. Hawley Tapping, national secretary, Ann Arbor, Michigan; H. H. Herbert, national vice president, Norman, Oklahoma; H. W. Davis, K. S. A. C.

### THE SCHEDULE

October 7—Washburn 0, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22  
October 21—Oklahoma 7, K. S. A. C. 7  
October 28—Kansas 7, K. S. A. C. 7  
November 4—Missouri 10, K. S. A. C. 14  
November 11—Ames 2, K. S. A. C. 12  
November 18—Nebraska 21, K. S. A. C. 0  
November 30—Texas Christian university at Manhattan.

of the book from early manuscripts down to the commercial volumes of today. This exhibit was lent to the department of industrial journalism by Ralph Fletcher Seymour, Chicago designer and publisher.

Included in the exhibit were a number of books from the widely known early presses, such as the Elzevir, other volumes showing the commercialization of book making, chiefly in the seventeenth and eighteenth centuries, and finally works illustrating the revival of the printing art under the leadership of William Morris. Some examples of the work of the Kelmscott press, Morris' own plant, and of other widely known modern presses, were shown. Several of the books were designed by Mr. Seymour himself and printed under his direction.

Modern editions from commercial presses showing the influence of the movement started by Morris comprised productions of English, American, French, German, and Italian shops.

The exhibit is still on view in Room 55, Kedzie hall.

There are enough motor vehicles in the United States to take the entire population for a ride at one time.

## SCRIBES' MEETING ENDS

SIGMA DELTA CHI CONVENTION AT K. S. A. C. CLOSES FRIDAY

More Constructive Work Accomplished Than at Any Previous Conclave of Journalism Fraternity, National Officers Declare

More actual business was transacted and more constructive work accomplished at the eighth national convention of Sigma Delta Chi than at any previous conclave of the fraternity, national officers declared before departing from Manhattan for their homes Saturday. The fraternity met with the K. S. A. C. chapter Wednesday, Thursday, and Friday of last week.

Thirty-six active and two alumni chapters of the fraternity were represented at the conclave, 51 active and alumni Sigma Delta Chis registering. The largest visiting delegation was that of the Ames chapter, seven of whom attended the conclave.

### TO MINNESOTA IN 1923

Minnesota won the 1923 convention, the committee on conventions recommending that Indiana be favorably considered for the honor the following year. Cornell, Michigan, and Ohio state sent invitations for the 1923 meeting.

Ward A. Neff, editor of the Daily Drovers' Journal of Chicago, and vice-president of the Corn Belt Farm Dailies, was elected national president. Walter Williams, dean of the University of Missouri school of journalism and president of the Press Congress of the World, was elected honorary national president. Other officers elected were Peter Vischer, of the staff of the New York World, first vice-president; H. H. Herbert, director of the University of Oklahoma school of journalism, second vice-president; T. Hawley Tapping, editor of the Acacia Magazine, Ann

Arbor, Mich., national secretary; George Pierrot, assistant managing editor of the American Boy, Detroit, national treasurer.

### TAPPING GETS HONOR

The following named persons were elected to the executive council—Reuel Barlow, member of the University of Minnesota journalism faculty; Paul E. Flagg, Kansas City Journal Post; W. E. Drips, member of journalism faculty, Iowa State college; Geroid Robinson, associate editor of the Freeman, New York City.

The Chester Wells memorial key, awarded annually to the member who has given the greatest service to Sigma Delta Chi during the past year went to T. Hawley Tapping, national secretary.

That the present forward looking policy of Sigma Delta Chi indicates the work of the fraternity must necessarily extend further into the actual field of journalism, and that in so doing some provision for changing the name of the fraternity may become necessary outside the undergraduate field, was accepted as a policy, marking a milestone in the progress of the order.

### LOW STANDARDS CONDEMNED

The following declaration was approved by the convention:

"Sigma Delta Chi, national journalism fraternity, declares itself as solidly opposed to the debasement of the press as an institution and of journalism as a profession by any catering to morbid and depraved curiosity. Its members believe firmly that the good taste and intelligence of the public are often greatly underestimated, with resultant production of publications that neither honor journalism nor serve democracy. The press will render a distinct service to the public if it will moderate its reports with respect to transgressions

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## HUSKERS GET A SCARE

FIND KANSAS AGGIES FOE OF EQUAL CALIBER

But Breaks of Game Give Nebraska 21 to 0 Victory—Bachmanites Forward Pass Themselves to 17 First Downs

What Statistics of Game Tell		
	Aggies	Nebr.
First downs	17	14
Yds. from scrimmage	301	264
Forward passes attempted	41	2
Forward passes completed	21	0
Forward passes intercepted	2	3
Yds. gained on forward passes	181	0
Yards penalized	19	40
Punts (number)	7	5
Total yds. ball punted	218	198
Yds. punts returned	0	37

The Aggie Wildcats forward-passed their way to a place in the limelight of the football world last Saturday in their 0 to 21 defeat at the hands of the Nebraska Cornhuskers. By completing 21 flips for a total of 181 yards they made a record that bids fair to stand for some time, especially when it is remembered that Nebraska is the class of the Missouri valley and one of the greatest football machines ever assembled anywhere.

It was a thriller to look at. The threat of the forward pass from behind the Aggie line was never for a minute removed. The Swartz-Stark-Brandley-Webber-Munn aerial five gave football fans in the city of Lincoln a brand new conception of what can be done with the short pass. They also had the redoubtable Cornhuskers standing around with a good deal of white showing in their eyes. Nebraska essayed three passes, all of which found a home in Aggie arms.

### SIFT THROUGH LINE

But that is not all. The Aggie lightweights served no little sneaking-through-the-line as a sauce to their overhead drive. Swartz, who weighs scarcely 140 pounds when he is fat, sneaked through the Cornhusker wall once for 13 yards. Stark, after three quarters of merciless hammering from the Nebraskans, put on a series of off-tackle cut-ins that netted from 5 to 9 yards. Clements tore along merrily from the fullback position and had several 3 to 8 yard dives to his credit.

The summary shows that the Aggies negotiated 17 first downs to Nebraska's 14 and gained 301 yards to their foe's 264. It is quite comforting to Aggie fans and quite disconcerting to those who argue for the infallibility of Nebraska teams.

### HUSKERS GET BREAKS

Nebraska's first counter came in the second half. It was the direct result of a ragged kick by the Aggies which left the ball in the Cornhuskers' possession on the 20 yard line. By a series of short, sharp plunges Lewellen carried the ball across the goal. The second touchdown came when the same Nebraska backfield hero grabbed a balled-up Aggie pass from the danger zone and ran 20 yards to a touchdown. Both counters were made on lucky breaks for the foe. Nebraska's last score was made and most certainly earned by Noble, who lugged the ball half the distance of the field for a finish in six consecutive plays.

### DISALLOWS AGGIE COUNTER

The Aggies also made a touchdown but it was disallowed by Referee Quigley because he detected motion in the backfield while the ball was being snapped. The Wildcats had

(Concluded on page four)



## THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kan.

W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

Entered at the post-office, Manhattan, Kan., as second-class matter October 27, 1910. Act of July 16, 1894.



WEDNESDAY, NOVEMBER 22, 1922

### STANDING FOR SOMETHING

The national convention of Sigma Delta Chi, held at the college last week, was worth while to the whole institution because the fraternity stands for something. It has definite, clearcut ideals, that can be understood and appreciated by any right-thinking person. It stands for the practical betterment of the American newspaper as a force in popular government.

The world is full of organizations. Many of them stand for nothing at all, or for something so vague that it might as well be nothing at all. They occupy a little time, they give us a few additional contacts with our fellows, and that is all.

When an organization has a definite purpose and definite ideals, it is on the road to definite accomplishment. In the case of Sigma Delta Chi, such accomplishment possesses general public significance.

### BETTING ON THE PUBLIC

E. Haldeman-Julius, who spoke at the Sigma Delta Chi convention, is staking his money on the taste of the American public. His pocket series of books is published in the faith, so far justified, that the people will read good literature, once it is effectively brought to their attention. It is a fine omen, not only for literature, but for popular government, that this man, who knows the American people from a wide variety of standpoints, is willing to bet his money on the theory that the public can be trusted, with a little guidance, to see things aright.

### A SCORE FOR THE NEGRO

A fraternity of negroes stands second in scholarship in the long list of university fraternities whose scholastic rank is published in the Kansan, the newspaper of the University of Kansas. What becomes of the argument that the negro has seldom enough capacity to get through the public schools and almost invariably fails if he gets into college? It may be alleged that the white boys do not work so hard—but that does not mean much. When they get out of college, they will find that work everywhere counts fully as much as native ability.

### CORN TASSELS

A. D.

The only working member of a Yates Center family, according to the News, is a jug of cider.

The only defense of the restless young folks nowadays is that the

grown folks are restless too, muses the Atchison Globe.

If there is born only one a minute, asks the puzzled editor of the Caldwell Messenger, what becomes of all the Fords, one made every seven seconds?

The hard thing about saving a dollar, notes the Leavenworth Times, is that you have to save it every day you have it.

Fashion note by the Leavenworth Post: "Dresses will be short again because the long skirts didn't come up to expectations."

The man worth while is the man who can smile when his neighbor struggles along with a song.—Tom Sims.

Apropos of the "creeping bent grass" recently cultivated to give golf balls a better bounce, Chester Leasure in the Dodge City daily Globe remarks, "What most golfers need is grass equipped with victrola attachments to play 'I spy' with lost balls."

How climate affects the highway working season is shown by the fact that grading can be done on 100 days of the year in western Oregon, 110 in Maine, 260 in Maryland, and 300 in several of the southern states.

From 19 to 35 cents per hour is the range of wages paid for common labor on federal aid roads east of the Rocky Mountains, with a few exceptions, where as high as 43 cents is paid.

### A QUARTER CENTURY AGO

Items from The Industrialist, November 22, 1897

Miss Lottie Olman has been kept at home for a week by typhoid malaria. She is now improving.

And still they come—S. B. Johnson, of Lyndon, a former student at this college, was elected surveyor of Osage county at the recent election, and received a larger majority than any other candidate on the ticket.

G. M. Munger is at Manhattan this week attending the sale of the college herd of cattle and looking after other business that the board of regents has to consider. He will probably return tomorrow.—Eureka Union.

We are in receipt of the tenth annual report of the Vermont Agricultural Experiment station, and notice that Prof. F. A. Waugh, '91, formerly an assistant in horticulture at this college, is well represented in the volume. His report covers 54 pages, and contains 14 illustrations.

Among the many visitors last week, we noticed Mrs. Sims, wife of the former state secretary of agriculture. Mrs. Sims was looking over the college with a view of sending her son here as a student. Mr. Sims is living on a model farm west of Topeka, and within sight of the dome of the state capitol.

Herman Riley, one of the first Greeley county boys, and a son of ex-Sheriff J. D. Riley, is attending school this winter at the State Agricultural college at Manhattan. Part of his work is in the printing office, and some day Herman will be an editor, probably of some big agricultural daily.—Tribune Republican.

Prof. E. A. Popenoe has made arrangements for continuing his work at Kansas university, and will take a course in entomology leading to the degree of Ph. D. He will especially direct his studies to coleoptera, with the intention of preparing for the publication of a manual on that branch of Kansas entomology.

The October bulletin of the department of entomology of the Kansas State university contains among other illustrations several from original drawings made by Miss Ella Weeks. Miss Weeks studied entomological drawing one year and six weeks in the state agricultural college under

Professor Popenoe, and other drawing under Professor Walters.

Several cases of typhoid fever are reported as existing in town. In view of this fact, the president this morning in chapel strongly recommended to students to avoid the use of well water, unless the same be boiled, and to use instead hydrant water, which is practically free from the germs which experts find so commonly in well water and regard as the prime cause of typhoid fever.

To accommodate students who wish to go home for their Thanksgiving, it was voted to begin the school week on Monday instead of Tuesday, and to dismiss at the close of the exercises on Wednesday, allowing an interval from Wednesday

A new organization, indirectly connected with the college, was effected on Monday evening. It will be known as the Utopian club—and its purpose is to encourage the study of science, the arts, and literature, and to promote social intercourse among its members. The club meets in regular session once in two weeks. All persons connected with the college as students, assistants, professors, and alumni are eligible to membership. The following officers have been chosen: president, R. S. Kellogg; vice president, C. P. Hartley; secretary and treasurer, Florence R. Corbett; board of directors, George L. Clothier, I. A. Robertson, and Ellen Norton. The interest manifested augurs a bright future for the club in an almost unlimited field of work

## Literature and Journalism

E. Haldeman-Julius

Literature and journalism are the same. Good literature is the flower of journalism. Journalism becomes great literature when it reports the immediate but achieves more than temporary significance. While all journalists are not literateurs, it is true that faithful depictees or interpreters of life—writers who catch and hold its esthetic, physical, and spiritual values—achieve more than a passing importance.

After all, what was Plato, aside from his philosophical insight, but a great reporter? He heard discussions and conducted interviews. He reported what he thought was interesting. The fact that he did not rush to an office to catch an edition means nothing. It is the work itself and not the particular manner in which the work is disseminated; that decides finally whether it is stuff of only momentary interest or literature that will endure. Aristophanes used the theater to pass on his comments on political and social developments. He was a great editorial writer. If he were living today he would probably be a columnist—and a very good one I believe. I could go down the line and characterize one immortal after another—Molière, Ibsen, Tolstoy, Balzac, Aesop, Machiavelli, the writers of the books of the Bible—and the result would be simply this: Great literature is great journalism. Journalism did not begin with the manufacture of newspaper and the invention of rotary presses. A vast amount of journalism is found on stone and clay slabs.

In addition to creating as good a journalism as we know how, we try to go further and become salesmen of the truth as we see it. We not only manufacture reading, but we seek always to create readers. Like the munition manufacturers who sigh for new wars that their machinery may be kept going full tilt, we conspire, worthily, of course, to create new readers that our presses may continue to turn out what we think the public should read.

evening to the following Tuesday morning for Thanksgiving. The usual Saturday afternoon chapel exercises will occur this week on Wednesday afternoon.

The committee appointed by the faculty to consider the matter of typhoid fever in town recommended that the health officer of Manhattan call upon the state board of health to investigate the extent and cause of typhoid fever here—requested the mayor to see that the hydrant water is more satisfactorily protected—and recommended that the students be warned against using well water unless the same be boiled.

The following graduates and former students were seen among the many visitors carnival day: O. E. Noble, surveyor-elect of Riley county; John Poole, '96; S. B. Newell, '97; Ed. Shellenbaum, '97; G. W. Finley, '96; R. J. Barnett, '95; L. G. Hepworth, '97; Miss Lucy Ellis, '95; Hattie Paddleford, '96; Nora Fryhofer, '95; Fanny Jones, '95; Cora Stump, '96; H. W. Jones, '88; and Mary Paddleford. They all report success in their various lines of work, and seem to be enjoying life.

which brings many advantages not offered by existing societies.—Students' Herald.

The names of Prof. O. E. Olin, R. J. Barnett, George W. Smith, and Myrtle Harrington appear on the program of the North Central Teachers' Association, which meets at Junction City November 25, 26, and 27. The following teachers of Manhattan and vicinity have promised to be present: Supt. George D. Knipe, Lora Waters, Lucy Waters, Will E. Smith, Elsie Crump, Delpha Hoop, Emma Spohr, Stella Kimball, Edith Stafford, Winifred Houghton, Myrtle Harrington, Aggie Young, Roy V. Allison, Reppie Carey, Sadie Stingley, Minnie Spohr, Louise Spohr, Gertrude Lyman, Lily G. Seccrest, E. D. Whitlock, Marian Jones, Mary G. Loenhardt, Eliza Noble, Olive Drake, Gertrude Williams, Josie Myers, Dorothy Myers, Emma L. Cunningham, and C. G. Swingle. Nearly all of these have been students at the agricultural college, so that it will be possible to have a college reunion. THE INDUSTRIALIST makes motion that Professor Olin act as chairman, pro tem, and call such a meeting at a suitable time.

## THE LOOMS OF NEWS

Julius Muller

We swing the headlong Looms that weave  
The tales of human earth  
Spun by the troubled continents  
In agonies of birth.

We watch the steady-turning globe  
Upon its spindle hung;  
Men's lives are as a twisted flax  
Whose thread to us is flung.

We weave! We weave! The sky may rock,  
Lands pass as smoke away;  
We gather in the warps and weave  
The Garment of the Day.

We braid their bliss, we braid their pain,  
We braid men's hopes and fears  
We knit their silks of joy and make  
A pattern of their tears.

Lo, we are old that once were young;  
But never, east or west,  
Has one of all the circling suns  
Beheld our Looms at rest.

The world was vast, the world was dim,  
When first that we were young;  
And in the half-light of his time  
Men walked dim fears among.

He walked dim fears among, and saw  
His brothers in the gloom  
Lurk as half-devils till we broke  
His terrors with our Looms.

We snatched the scattered threads  
and tied  
The races face to face.  
We tied the sundered lands that once  
Stared blind across blind space.

We knit men's hates, we knit men's loves,  
We make the pattern whole  
Of loves and hates, Behold! 'tis one!—  
Humanity's great soul.

Throw us your spoils, O Turkestan!  
Ye tropics! Send your glows.  
O ruined towns! Our pattern needs  
Your sinner thread of woes.

Strike, ravaging armies! Flame, O  
fleets!  
Rise, nations! Rise and spring!  
High, high above your clamors—  
hark!  
Our Looms are thundering.

## AN UNFENCED FIELD

Journalism is an unfenced field. The man who enters it faces all the chances and opportunities of the future and the manifold accidents of the arts. A man may enter it late in life, or, if he enters it early, may find that success in some other field, some adventure, achievement, public acclaim, or the sudden discovery of a special gift may carry a new man to post or position over the heads of men laboring for years on newspaper or periodical. Less and less do these sudden entrances to the high places of the newspaperman's calling prove successful, but they remain and will remain to the end a possible competition to be weighed, considered, and reckoned with in forecasting the future.

In an art this is inevitable. The stage, dramatic and lyric, is perhaps the only human calling in which no man or woman has won a conspicuous post after 45, very infrequently after 40, not often after 30, and the greater figures have begun before 20. Of painting, sculpture, and verse, it is equally true that they flower and fruit in adolescence, and the gleanings of the harvest never equal the early reaping. But taking in all the arts together, for all those in which the technic of form is the very lifeblood, the conditioning factor of its existence, as in acting, youth is indispensable. As the arts diminish in technic, the visé of youth on the passport of success is of less importance. The earlier a man enters a newspaper office the better for him; but the open door of achievement is open at least to 30, so multifarious are the demands of the newspaper, so many are the paths of journalism, so wide is the net of publicity thrown that a win is possible and has been garnered in all the decades of life.—Talcott Williams in "The Newspaperman."

Recently a tourist in passing through four states was required to buy four different sets of lenses in order that his headlights would comply with state laws.



## AMONG THE ALUMNI

Ella Hathaway, '10, is at Mankato this winter.

H. A. Ireland, '07 is located at Montrose, Col.

C. C. Bonebrake, '09, is city engineer at Orange, Calif.

Elmer H. Jantz has moved from Lawton, Okla., to Larned.

Mollie Morton, '20, is teaching in the high school at Kinsley.

Imogene Chase, '20, is residing at 1318 Fifteenth street, Bedford, Ind.

Clara Peairs, '15, Tulare, Cal., writes that she is watching the Aggie football record closely this fall.

Doddridge C. Tate, '16, and Edith (Lindley) Tate, '18, are living at 123 Elgin avenue, Forest Park, Ill.

Vergie McCray, '11, is teaching in the high school at Independence, Mo. Her address is 110 North River boulevard.

Alice E. Terrill, '13, is educational director for the Kansas State Tuberculosis association with headquarters at Topeka.

Viola Peterson, '17, of Essex, Iowa, notifies of a change of address to Merced, Cal. She has been married to L. B. Fredrickson.

Mary (Hamilton) Martin, '06, writes from 903 East Second avenue, Monmouth, Ill., to renew her membership in the alumni association.

V. L. Cory, '04, Pecos, Texas, is taking graduate work at the University of Minnesota. He is located at 501 Eighth avenue, S. E., Minneapolis, Minn.

Grace (Gardner) Klostermann, '17, writes that she and Mr. Klostermann are located at Weskan where her husband is superintendent of a consolidated school.

Kathryn Roderick, '21, asks that her INDUSTRIALIST be sent to Mrs. John Dow at Grayling. She changed her name on October 25. Mr. Dow is a former student.

Bagdasar K. Bhagdigan, '16, Kansas City, is to make a series of addresses on Americanism before the sessions of several Texas county institutes during December.

F. Dwight Coburn, F. S., is enrolled in the school of commerce at the University of Chicago. He requests that his INDUSTRIALIST be sent to 6044 Kenwood avenue, Chicago.

John M. Scott, '03, checks in from Gainesville, Fla., where he is with the animal husbandry department of the University of Florida. He will have a good exhibit of cattle at the Florida State fair, he writes.

### SCRIBES' MEETING ENDS

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of moral laws. Sordid details and gross overemphasis of the importance of such news are too common to need citation, and merit unreserved condemnation."

#### ALUMNI SECRETARY NEW JOB

Donald Clark, managing editor of the Northwestern Banker, and editor of the Underwriters' Review, Des Moines, Iowa, was elected to the office of alumni secretary, a post created by this convention.

Chester W. Cleveland, Chicago, was elected editor of Quill, official publication of the fraternity, under a supervisory board consisting of President Neff and Past Presidents White and Hogate. The magazine is to be published six times a year, instead of quarterly, according to provision enacted at this convention.

A revised ritual, the work of Lee A. White and Cyril Arthur Player of the staff of the Detroit News, was adopted by the organization. The revised ritual calls for the use of a copy of an American newspaper regarded as worthy of being employed in the ceremony of initiation. The

convention adopted the New York Times for use in ceremony during the next year. The policy of adopting a different newspaper every year was approved by the convention.

#### AMES WINS CUP

Iowa State chapter was awarded the cup for chapter efficiency. Chief consideration in making the award was activities outside chapter and school toward promoting the standards of journalism for which the fraternity stands. Eight chapters were originally considered in awarding the cup for efficiency—Cornell, Grinnell, Illinois, Iowa State, Marquette, Michigan, North Dakota, and Oklahoma.

A charter was granted by the convention to an alumni group of thirteen members in greater Kansas City. The charter members of the Kansas City chapter are Erle H. Smith, Tom Collins, W. D. Meng, Paul Jones, Homer Dye, Jr., Clifford T. Butcher, Raymond A. Fagan, Merton T. Akers, Comille H. Nohe, Walter G. Heren, Charles O. Puffer, Ray Rynnion, and Paul E. Flagg. The petitioning group was composed of active newspaper workers on the staffs of the Kansas City newspapers.

#### NOTES OF THE CONVENTION

On the last morning of the convention Lee A. White sat down after a number of fervid remarks anent the greatness of the Detroit News. Said President Hogate: "Now that Mr. White has put forth his annual advertisement for the Detroit News, and has justified his presence here, we will proceed with the convention."

Eugene Thackery, delegate from Depauw, was, after all, not so far from home. His parents, the Rev. J. E. Thackery, '93, and Elva (Palmer) Thackery, '96, are old K. S. A. C. alumni, and their home is Larned, Kansas.

At 3:30 Tuesday afternoon Nelson E. Poynter from Bloomington, Ind., arrived. On the next day the Indiana Daily Student printed the following: "Now that Nels Poynter has gone away, it became necessary to turn on the heat in The Student office yesterday, for the first time this semester."

"The use of the word 'frat' is like a dose of quinine to me," said Mortimer Goodwin of Iowa State, in speaking of a headline over the convention story in the Kansas State Collegian. Mortimer got his second dose when he went to Topeka the next day and the picture taken of the group came out under the following caption in the Topeka Daily Capital: "Scribes' Frat Visits Topeka."

Chilson Leonard, the aristocrat from Cornell, spoke often of our crude mannerisms, crude journalism, and crude humor out here in Kansas. He did not, however, say anything about our crude girls. "They are too darn blasé in the east," he said. "Out here they don't go to all that agony."

Roy L. French from Madison, Wis. was the only delegate who threw dignity to the winds. His exhilaration was, of course, due to the fact that he is a married man with a realization of the full value of freedom. "All the husbands have organized in my neighborhood," he said, "to protect themselves from the injustice of having to wipe the dishes, and all such darn foolishness. Whenever we find a scab we tar and feather him."

"This is the first convention," said Prof. H. H. Herbert of Oklahoma to Past President K. C. Hogate at the banquet, "that so many delegates have ever remained until the last night."

Denver university is now publishing a humor magazine called the Parakeet.

The national officers estimated Friday night that this was one of the biggest years in point of business accomplishment by Sigma Delta Chi.

## LINCOLN LUNCHEON ATTENDED BY 140

Doctor King Explains Need for and Progress of Memorial Stadium—Fifty Alumni Present

Fifty alumni and 90 students and faculty members of K. S. A. C. attended a luncheon given by the Lincoln alumni at the Lincoln commercial club Saturday noon before the Aggie-Nebraska game. "Stuffy" Corby, '23, Aggie yell leader, presided over the cheering, which was of the high power variety. T. A. Leadley, '13, introduced each alumnus present to the crowd during the dinner.

Speeches were made by Prof. J. W. Searson, formerly head of the department of English at K. S. A. C.; Dr. H. H. King, president of the Memorial Stadium corporation, and President W. M. Jardine. Professor Searson talked in his characteristic vein, describing the difficulties under which he found himself, striving to be loyal both to Nebraska and to the Aggies.

Doctor King devoted the time allotted him to an exposition of the need for and the progress of the memorial stadium. The eternal fitness of a stadium as a memorial to the Aggies who gave their lives or their health in the war was stressed by the speaker.

"There are many reasons," said Doctor King, "which can be advanced for the building of a memorial stadium on the K. S. A. C. campus. However, I have time now to point out briefly only three—the necessity for keeping pace with conference neighbors, the necessity for more seating capacity to handle the large crowds which wish to see the Aggies in action, the necessity for larger crowds and thus larger gate receipts in order to meet the financial requirements laid down by sister Missouri valley schools for home-and-home games, and also the requirements laid down by large schools from other localities whom we might wish to play."

"For these and for other excellent reasons we embarked last spring upon a campaign to raise a half million dollars with which to finance the building of a memorial stadium which will seat, when completed, 21,000 persons. In six hours the student body over-subscribed its quota, and the faculty went 30 per cent over the goal set. Within a remarkably short time \$158,000 had been subscribed by students, faculty, and townspeople. Now the call is soon to go out to every Aggie and every friend of the Aggies for a subscription which will complete the stadium. The alumni must average about \$100 each in order to put the project across. I am sure that when you are acquainted with the facts the funds will be forthcoming to pay the debt which every alumnus owes to his alma mater, and which every American owes to the war dead."

President Jardine outlined for the graduates and former students the rapid, but symmetrical growth of K. S. A. C. during the recent past. "Watch the Aggie band and the Aggie team this afternoon and compare them with the bands and teams of your day, good as those bands and teams were," said he. "Then remember that the progress shown by the band and by the team is typical of the whole college."

### CHICAGO ALUMNI STOP WHEELS OF INDUSTRY TO HONOR SEATON

K. S. A. C. Engineers Give Dinner for Dean

Wheels of industry stopped in Chicago—in spots—on last Saturday when the news was received that R. A. Seaton, '05, dean of engineering, and Mrs. Seaton, would pass through the city.

Alumni engineers hastily arranged an informal dinner at the Stevens in his honor. Graduate engineers of K. S. A. C., representing Armour Institute of Technology, Western Electric

company, Commonwealth Edison company, General Electric company, Roberts and Schaefer company, Halabird and Roche Architectural company, Automatic Electric company, and other firms were present to do honor to Dean Seaton. After a soul satisfying dinner, L. G. Alford, '18, acting as toastmaster, introduced the guest of the evening who gave a very interesting resume of the latest doings on the "hill."

There followed several interesting discussions in which every alumnus present took part and related his varied experiences since graduation. To A. H. Brewer, '21, who made a noble and oratorical effort to enlist Dean Seaton's assistance in dropping the cow out of "Agricultural," went the first honors of the evening for argumentative persistence.

C. P. Blachly, '05, who declared himself a deserter from engineering circles, made the point that most engineering graduates, along with their engineering training, do not develop sales ability so that they can sell their services to best advantage and to the credit of their alma mater. This viewpoint was in agreement with the expressed opinion of many of the other engineers.

When the talk fest was concluded, the K. S. A. C. grads looked around to find that the waiters had left for other appointments and that the night watchmen were in charge. Dean Seaton was escorted to a midnight train for Washington, D. C.

Those present at the Chicago dinner were: Dean R. A. Seaton, '05, and Mrs. Seaton; E. H. Freeman, '95, and Mrs. Freeman; L. G. Alford, '18; R. G. Lawry, '03, and Mrs. Lawry; H. G. Schultz, '19; C. P. Blachly, '05, and Mrs. Blachly; R. K. Elliott, '22; W. A. Lathrop, '15; A. H. Ford, '22, and Mrs. Ford; M. J. Lucas, '21, and Violet (Andre) Lucas, F. S.; J. A. Cook, '19; W. T. Forman, '20; W. H. Koenig, '22; A. H. Brewer, '21; D. G. Lynch, '22; D. C. Tate, '16, and Mrs. Tate; H. H. Harbecke, '11; M. C. Watkins, '22.—Faithfully reported by a K. S. A. C. journalism grad.

#### Cliff Gallagher's Team a Winner

Cliff Gallagher, '20, is coaching the Manhattan high school team this season, and has turned out an eleven that has suffered but one defeat and one tie score. The defeat was at the hands of Topeka, and the tie score with Emporia. Gallagher's team has won from Salina, Junction City, and Lawrence, traditional rivals, by top-heavy scores, and has yet to play Clay Center and Abilene with good prospects for victory in both games. The Manhattan high school team is being allowed the use of the college gridiron this year, and better crowds than ever before are coming to the contests, attracted by the excellent brand of football the Gallagher eleven plays and by the comfortable seating arrangements of the stadium sections now completed.

#### For Sixteeners

Mary Polson, '16, has revived the proposition to turn the \$150 memorial fund of her class into the memorial stadium treasury. As soon as information concerning the immediate availability of the fund is secured, ballot cards will be sent out from the executive secretary's office.

## BIRTHS

A. W. Griffith, former student, and Mrs. Griffith, Milo, announce the birth October 20 of a son whom they have named William Earl.

F. H. Schreiner, '10, and Rachel (Fredrick) Schreiner, F. S., Memphis, Tenn., announce the birth October 13 of a daughter whom they have named Ida Elizabeth.

Hubert Ghormley and Esther (Hostetter) Ghormley, '17, announce the birth June 18 of a daughter whom they have named Elizabeth Clara.

## RUSSEL WILLIAMSON IS ARCHITECT OF EXPOSITION

Member of Class of 1914 Receives High Honor in the East—To Erect 700 Buildings

A letter from Buffalo, received by Prof. J. D. Walters, reports that the board of directors of the Permanent International exhibition of Niagara Falls, N. Y. has adopted the competitive designs of Russel B. Williamson, '14, and has elected him chief architect of all building operations of the exposition. His election to this responsible position, which involves the expenditure of many millions of dollars, is an honor, not only to the young man, but to his alma mater.

The exposition will be open in the spring of 1926. Construction is already under way and will be pushed energetically, day and night. The illustrated pamphlets received by several of the departments of the engineering division, give an idea of the extent of the grounds and the grouping and character of the buildings that will be erected on the American side of the falls. The stadium, when completed, will seat more than 80,000 persons and will be large enough for extensive military drills and automobile races. On the American side there will be a fireproof hotel containing 1,200 rooms with baths. One on the Canadian side will contain 700 rooms. Each state of the union and every foreign country will have a separate building for the display of its characteristic products and there will be several dozen other buildings for exhibiting particular classes of products.

All general exhibition buildings will be constructed of reinforced concrete, stucco and steel and all will have extensive basements in which the exhibitors can store and arrange their displays and then raise them into place. This arrangement will do away with much of the inconvenience and litter usually found in exhibition halls. At night the two hundred large and five hundred smaller buildings will be illuminated by thousands of electric lights. Wide drives and many open squares will take care of the endless procession of automobiles which the fair and its background—the Niagara Falls—will attract.

#### Paging Sunflowers!

"Are alumni pleas powerful enough to bring back 'Sunflowers' in THE INDUSTRIALIST?" queries Mary Polson, '16. "It was a column so stimulating to our intellects that I fear we'll go backward without it," she avers.

#### Aggies at Iowa State Meet

"The Kansas Aggie spirit was very much in evidence at a dinner of the K. S. A. C. alumni at Iowa State college on the evening of October 28. Twenty-four Aggies and guests were present. The singing of 'Alma Mater' followed by a rousing 'Jay Rah' gave to the meeting the Aggie enthusiasm. James Cunningham, '05, toastmaster, was most successful in maintaining the Aggie atmosphere. He called upon each Aggie present to relate incidents of his class activities.

One, C. V. Holsinger, '95, played on the first K. S. A. C. football team. The first game, that with St. Marys college, he related, was a victory for the Purple," writes V. W. Stambaugh, '22.

"Those present were C. V. Holsinger, '95; Mrs. C. V. Holsinger, '95; Mrs. Emily (Ross) Cunningham, '03; James C. Cunningham, '05; C. P. Thompson, '05; Mrs. C. P. Thompson; Marcia Turner, '06; Mrs. Turner; Mary Gabrielson, '11; Blanche Ingersoll, '11; Mrs. Ingersoll; Hazel Baker, '13; F. H. Stodard, '13; Mrs. Stodard; A. W. Rudnick, '15; Mrs. Rudnick; W. C. Calvert, '16; Mrs. Calvert; Louise McIntosh, '19; Donald Thayer, '20; W. Wallace Weaver, '22; Vern W. Stambaugh, '22; Mr. and Mrs. S. A. Knapp, former faculty."



## DINE VISITING WRITERS

COLLEGE AND CITY SEE THAT DELEGATES HAVE GOOD TIME

Theta Sigma Phi and Chamber of Commerce Entertain—Dance, Banquet, and Trip to Topeka and Lawrence Among Affairs

Social features of the Sigma Delta Chi convention here last week included a presentation of "The Servant in the House" by Mr. and Mrs. Charles Rann Kennedy, and a smoker given by the Manhattan chamber of commerce Wednesday evening; a luncheon given by Theta Sigma Phi, journalism sorority, Thursday noon; a convention dance Thursday night; and a banquet Friday night. Although not a part of the convention proper, a luncheon given in honor of Sigma Delta Chi by the Capper publications in Topeka Saturday noon was attended by more than half the delegates. The Kansas university chapter of the fraternity entertained the same group at the K. U.-Colorado football game Saturday afternoon.

The banquet and the smoker were the only social features of the convention at which there was a program of addresses. Charles M. Harger, of the Abilene Reflector, magazine writer and formerly head of the department of journalism at the University of Kansas, gave the principal address of the banquet.

**MAGAZINE A SHORT COURSE**  
"The monthly magazine is the short course in culture for the average American family," Mr. Harger said. "Covering every possible phase of human endeavor and bringing to its contents the deliberations of the world's greatest minds, it takes to the home a picture of the day's thought, adventure, and entertainment. The magazine of today is edited with great appreciation of the public's demand and with a keen comprehension of the things worth while."

"We do need in this country a standard of literary taste that will make impossible some magazines displayed on every news shelf, flashy publications pandering to low moral standards. We talk much of reforming the motion pictures; there is just as much need of abolishing the vicious magazine as there is of banishing the vicious film."

**POOR MAGAZINE CHEAP**  
"Public taste is to some degree influenced by the pocketbook. The poor magazines are cheap, in price as well as in content. Whatever the desirability of a good five cent cigar, the country needs also a good ten cent magazine."

Others who appeared on the toast list were E. Haldeman-Julius, publisher, Girard, Kansas; Kenneth C. Hogate, of the editorial staff of the Wall Street Journal and retiring national president of the fraternity; Ward E. Neff, president elect of the fraternity; Cliff Stratton, managing editor of the Topeka Daily Capital; F. W. Beckman, head of the department of industrial journalism, Iowa State college, and retiring honorary national president of the fraternity; Lee A. White, of the editorial staff of the Detroit News, past national president; H. H. Herbert, director of the school of journalism, University of Oklahoma, second vice-president; and Charles Dillon, Association of Railway Executives, New York City, founder of the department of industrial journalism at Kansas State Agricultural college. Nelson Antrim Crawford, head of the department of journalism at Kansas State Agricultural college, was toastmaster.

**WHY APPEAL SUSPENDED**  
Mr. E. Haldeman-Julius discussed certain phases of his publishing business, emphasizing an explanation of the suspension of the Appeal to Reason, announced only a few days previous. He declared that he never had been enough interested in the policies of the publication to give his best work to it and that in substituting for the Appeal a magazine which had as its aim the education of the

public, he came nearer to satisfying his interests and ideals of what the public wanted and needed.

He declared that the country had been reformed to death.

"Why, I am so good that I cannot look an honest sinner in the face," Mr. Haldeman-Julius whimsically remarked.

The substitution of education for reform was advocated by the speaker.

### OTHERS ON PROGRAM

Mr. Hogate, Mr. Neff, and Mr. Herbert spoke briefly upon the ideals and purposes of the fraternity. Mr. Beckman gave the presentation speech for the efficiency cup. Mr. White gave an inspiring account of the life and character of a journalist who has achieved distinction in the profession despite a serious physical handicap. Mr. Dillon, in a reminiscent mood, recounted anecdotes from his rich newspaper experience. Mr. Stratton, who was to represent the Capper publications as host of the delegates the following day, delivered the invitation in the name of his organization.

Three minute talks were given by local speakers at the smoker Wednesday night. F. W. Jensen, secretary of the Manhattan chamber of commerce, was chairman. Dean J. T. Willard of the college, R. P. McCulloch of the Manhattan Chronicle, and Prof. H. W. Davis of the college were on the short program.

## PUBLIC NOT SUCH BOOBS, THINKS HALDEMAN-JULIUS

It's Poor Salesmanship to Take Average of Boobery as One's Objective, Girard Publisher Declares

"Practically all book sellers and publishers have made a serious mistake in dubbing the people a mass of yokels. While the world is terribly crowded with boobs, I think it is poor salesmanship to take the average of boobery as one's objective. I do not think it is necessary to talk down to one's public."

Thus did E. Haldeman-Julius of Girard, publisher, novelist, and critic, speaking under the auspices of Sigma Delta Chi to a group of delegates and college faculty and students in recreation center Friday, take exception to a theory current among a large class of writers and editors.

"Consider, for a moment, the kind of books that have been best sellers during the past few years—Wells' 'Outline of History,' Van Loon's 'The Story of Mankind,' 'If Winter Comes,' 'Main Street,' 'The Mirrors of Downing Street,' and now Professor Thomson's 'Outline of Science,'" he continued. "On the other hand, consider how dismally Harold Bell Wright's last novel failed. 'If Winter Comes' beat Wright more than two to one. So did 'The Outline of History.' With all its advertising and its background of commercial success, Wright's last was a serious financial loss. While it is true that we do not seem as cultured as Europeans, still the fact remains that we do not wish to remain low-brows. The people are ready for the very best—the finest in science, philosophy, drama, fiction."

## HUSKERS GET A SCARE

(Concluded from page one)

worked the ball to the Nebraska 11 yard line by a good mixture of pass, dive and wriggle. Swartz ordered Stark over the line, pulled himself back ten yards and shot as neat a spiral as anybody ever saw, over to his accomplice. It was a beautiful bit of football, but it resulted in a five-yard penalty instead of a touchdown. Another break in the Nebraska column.

It was a great day, a great game, and a great performance for the forward-passing Aggies. It was perhaps the least inglorious defeat ever suffered by a football team. Every one of the 8,000 onlookers went away convinced that the 21 to 0 score did not indicate the relative strength of the two teams with the least accuracy. With an even break of luck it would have made a beautiful tie game.

## AGGIES WIN AT ROYAL

STOCK JUDGING TEAM, COACHED BY BELL, TAKES FIRST PLACE

Showing of K. S. A. C. Students of Animal Husbandry at Kansas City Show in Line with Remarkable Previous Records

The student stock judging team representing Kansas State Agricultural college placed first in the American Royal Livestock show contest, Kansas City, this week. Texas won second, Iowa third, Missouri fourth, Nebraska fifth, Oklahoma sixth, and Arkansas seventh. Two members of the local team, C. G. Russell of LaCrosse and C. C. Button of Elmont, won second and third individual honors.

### COACHED BY BELL

The eight men who made the trip from Manhattan are C. C. Button of Topeka, F. W. Houston of Twin Falls, Idaho, D. B. Ibach of Arkansas City, L. M. Knight of Medicine Lodge, W. P. Raleigh of Clyde, F. H. Paulsen of Stafford, C. G. Russell of LaCrosse, and Thomas Cross of Bell Plaine. F. W. Bell, associate professor of animal husbandry, and team coach, accompanied the men.

The stock judging teams from K. S. A. C. coached by Professor Bell have made unusual records during the past few years. For three successive times Bell's teams won first at the National Western Livestock show in Denver, making the \$500 college challenge cup the permanent possession of the college.

### OFF TO INTERNATIONAL

Last year the team placed fifth at the International Livestock exhibition held in Chicago, with 21 teams from the United States and Canada competing.

The members of the team will spend the time prior to the International Livestock exhibition at Chicago, December 2, visiting the agricultural colleges in Missouri, Iowa, and Illinois, and about 15 livestock farms enroute. The Kansas State Agricultural college team will compete in the student contest at the International.

## HERDSMEN'S SHORT COURSE ANNOUNCED

Animal Husbandry Department To Give Two Weeks' Intensive Instruction During Christmas Holidays

The animal husbandry department of Kansas State Agricultural college has announced the second annual beef cattle herdsman's short course during the Christmas holidays, beginning Tuesday, December 27, 1922 and closing Saturday, January 6, 1923.

The course will offer two weeks of intensive instruction to breeders of purebred cattle, particularly beginners, in selecting, breeding, feeding, fattening and showing beef cattle, as well as the most important facts in the history of the leading beef breeds.

All the work will be of a practical nature. Each part of the course will be handled by men who have had considerable work with some one or more of the leading cattle breeders in the country.

The time at which the course is scheduled will permit the entire department to devote its attention to this particular work. The regular college students will be on their Christmas vacation. In addition to the regular schedule of classes offered, there will be an address each evening by some prominent breeder or veterinarian on herd management problems.

Application for enrolment must be made to Dr. C. W. McCampbell of the animal husbandry department of the college not later than December 15.

## MR. RINGO, MR. GRUBER AND MISS COLBURN GIVE RECITAL

Miss Manning and Miss Hannen on Next Sunday's Program

The department of music presented Boyd R. Ringo, pianist, Otis I. Gruber,

tenor, and Helen M. Colburn, accompanist, of the faculty in recital Sunday afternoon at the auditorium.

Mr. Ringo's numbers had all the tone quality, fluent technique, and fine interpretation that persons who have heard Mr. Ringo before expect of his playing. His rendition of the last movement of the G minor "Sonata" by Schumann was unusually good. The sonatina by Ravel, modern French composer, with its veiled tones was an interesting example of music impression. Mr. Ringo's last number, "Etude en forme de Valse" by Saint-Saens showed much brilliance and versatility on the part of the pianist.

Mr. Gruber's program was unusual for its variety. His first selection was a recitative and aria from "Elijah" by Mendelssohn. In this number, Mr. Gruber's voice had excellent tone quality that was especially well adapted to this type of song. Perhaps the most appreciated number was the unique song, "Rain" by Curran. The delicate accompaniment by Miss Colburn made it very attractive.

Many townspeople and members of the faculty are taking advantage of these excellent programs. Student attendance is light.

Miss Lois Manning, contralto, and Miss Helen Hannen, violinist will appear on next Sunday's program.

## WHITE SAYS ACCURACY OF PRESS IS MIRACLE

Past President of Sigma Delta Chi Defends Newspapers in Address Before K. S. A. C. Students

"The miracle of modern journalism lies not so much in the triumphs over obstacles of time and space in the gathering and dissemination of news, as in the accuracy of the press," said Lee A. White of the editorial staff of the Detroit News, past president of Sigma Delta Chi, at the student assembly last Thursday. "This runs counter to popular opinion largely because error is conspicuous while accuracy is taken for granted, expected, and not noticed. The newspaper editor and reporter are engaged in a never ending war upon those who, out of motives of self interest or prejudice, are engaged in a constant conspiracy either to spread untruth or to conceal truth. To the newspaper man the world often seems to be made up of two classes—those who are trying to break into print and those who are conniving to escape the light of publicity. To defeat the unworthy purposes of both classes is one of the important functions of journalist."

"A good deal is said of the press of yesterday, and of the men whose names are familiar to history for their journalistic enterprise. But nothing is more certain to the man who will study the newspaper files of 25, 50, and 75 years ago than that America never knew as worthy, as honorable, as interesting, and as socially serviceable a press as that of today. Constant reference to the imaginary qualities of the press of the past century is but a species of ancestor worship."

More than 1,200 of the 2,850 agricultural counties in the United States employ at least one agricultural extension worker, who acts as a joint representative of the United States department of agriculture and the state agricultural college in conducting demonstrations of farm and home practices found most successful by experiments of these institutions. They also give advice and assistance in farming matters by personal visits, correspondence, telephone messages, community meetings, and articles in the local press.

The danger from tubercular chickens lies not in the eggs, for tubercular hens do not lay, but in the spread of the disease to cattle through chickens roosting on mangers. Dairy cows infect human beings through raw milk.

## CALLS ONE ROOM SCHOOL RELIC OF LAST CENTURY

Holton in Radio Address Declares It Belongs in Same Period as Sod House and Cradle

"In the 'Heart of America,' with Kansas City as its trade capital, there are 1,750,000 boys and girls in the public schools. About 1,000,000 of them are in one room schools. The one room school as an educational institution belongs in the period of national development with the cradle as a harvester, the double shovel as a cultivator, and the sod house as a farm home. It does not give the farm boys and girls an educational opportunity equal to that given to city boys and girls."

In this manner did E. L. Holton, head of the department of education and dean of the summer school of Kansas State Agricultural college, point out one of the problems of education in the middle west in an address broadcasted by the radio sending station of the Kansas City Star last Saturday. The next K. S. A. C. speaker in the Star's series will be Walter Burr, professor of sociology.

"The teacher in the one room school is a girl without experience and without training for her work," Dean Holton continued. "This girl teacher has the most difficult job in the entire field of teaching. She has no supervision; has no principal to act as a buffer between her and the public in the control of her school; she teaches 25 to 30 recitations a day; she direct the playground work; she is asked to make her school house a social center, to teach agriculture, manual training, cooking, sewing, music, drawing, and art. Is it any wonder that the modern educational tests show that the farm boys and girls in the one-room schools are about 60 per cent as efficient in reading, writing spelling and arithmetic as the city boys and girls?"

"The one room school is a 'hang-over' from the middle half of the nineteenth century. It is undemocratic and unfair, because it does not offer the farm boys and girls an educational opportunity equal to that offered to the city boys and girls. It is unsafe, because it is driving the farmers who believe in education for their children to the cities. A recent survey shows that 92 per cent of the farmers who have moved to the cities gave as a major reason, 'the city offers a better opportunity for the education of the children.' The solution of the rural school problem is the consolidation of the one room schools into large community schools, with six years of elementary school, three years of junior high school, and three years of senior high school."

## HUTCHINSON, WICHITA AGGIES GET UP STEAM

Alumni and Former Students in South Kansas Cities Organize for Stadium Membership Campaigns

A rousing meeting of the Aggie alumni residing in Hutchinson and vicinity was held at the Rorabaugh-Wiley tea room Thursday, November 9. Harold T. English, '14, presided and after dinner introduced Oley Weaver, executive secretary of the alumni association, who spoke briefly concerning the need for more thorough support by the alumni of the association and the projects it sponsors.

Both Hutchinson and Wichita alumni are organizing for a campaign to get active members for the association. The graduates and former students of the two towns and their immediate vicinities are also laying plans for the opening up of a campaign for funds to complete the memorial stadium. The Wichita alumni are planning a banquet to be held at the Hotel Lassen some time before Thanksgiving day. Dr. H. H. King, head of the chemistry department at K. S. A. C., and president of the Memorial Stadium corporation, will address the gathering.



# THE KANSAS INDUSTRIALIST

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Number 11

## LAST GAME TOMORROW

**AGGIES FINISH SEASON WITH T. C. U. CLASH**

**Comparative Scores Give Horned Frogs Slight Advantage—Youngsters To Be Given Chance to Earn Letter—Passing to Feature**

Comparative scores indicate the Kansas Aggies will have a tough battle on Thanksgiving day when they clash Texas Christian university here. The game is to be played on the K. S. A. C. athletic field where seating accommodations for 12,000 are now available due to the completion of part of the new memorial stadium. The athletic department is making preparations to take care of a large out of town crowd expected here on account of the widespread interest in the only game of conference or intersectional importance to be played in the state on Turkey day.

The Texas Horned Frogs have a little the advantage in comparison of scores. Early in November they defeated Oklahoma A. and M. college 22 to 14. The Oklahoma Aggies apparently are a team of about the same strength as that of the University of Oklahoma for the rival Oklahoma eleven played a tie game at Stillwater last Friday, 3 to 3. The Kansas Aggies played the Sooners a 7 to 7 tie game early this season.

### PASSING GAME PROMISED

In addition to defending the honor of the Valley conference against an invasion from the southland, the Aggies are preparing for an exhibition of forward passing, the like of which will have been seen on few gridirons in the country. The Wildcat team this year, especially since its forward passing in the Ames and Nebraska games, has been dubbed a "wonder team." Certain it is that the Bachman style of open play is spectacular in the extreme, and that he has developed a combination of backs and ends who are exceptionally good at completing forward passes.

Little is known here of the strength of the invaders. They are reputed to have three triple threat men in the backfield, and to possess also a heavy line. The report is that they have failed to realize their full potentialities during the season, except in the game with Oklahoma A. and M.

### BROWN, DOOLAN TO PLAY

A few youngsters will start the game, Coach Bachman announced today. Doolan and Brown probably will be in the lineup. The purple team will start as follows, barring practice injuries; left end, Doolan; left tackle, Nichols; left guard, Captain Hahn; center, Harter; right guard, Schindler; right tackle, Staib; right end, Munn; quarterback, Swartz; right half, Burton; left half, Brown; fullback, Sears.

### PRESIDENT AND DEANS IN WASHINGTON FOR MEETING

**Attend Gathering of Land Grant College Executives**

President W. M. Jardine, Dean R. A. Seaton of the division of engineering, Dean F. D. Farrell of the division of agriculture, Dean Helen B. Thompson of the division of home economics, and Dean Harry Umberger of the extension division were in Washington, D. C., two days of last week attending the annual meeting of the presidents and deans of the land grant institutions of the United States. Prof. L. E. Call of the K. S. A. C. faculty, president of the American Society of Agronomy, was also at the national capital attending the annual meeting of the society.

### THE SCHEDULE

October 7—Washburn 9, K. S. A. C. 47  
October 14—Washington 14, K. S. A. C. 22  
October 21—Oklahoma 7, K. S. A. C. 7  
October 28—Kansas 7, K. S. A. C. 7  
November 4—Missouri 10, K. S. A. C. 14  
November 11—Ames 2, K. S. A. C. 12  
November 18—Nebraska 21, K. S. A. C. 0  
November 30—Texas Christian university at Manhattan.

## COLLEGE BIG WINNER AT AMERICAN ROYAL

**In Spite of Stiff Competition K. S. A. C. Herd Comes Away with High Honors**

The animal husbandry department of K. S. A. C. was one of the exhibitors at the American Royal in Kansas City last week fortunate enough to be listed among the winners. In fact it was the largest money winning exhibitor at the show and the college bred practically all of its prize winners.

This year's "Royal" was one of the greatest ever held. Its importance is indicated by the fact that exhibitors were attracted from as far west as California, as far east as New York, as far north as Michigan, and as far south as Mississippi. The best livestock in the country was exhibited at this show and the exhibitor that won any kind of a ribbon was exceedingly fortunate. Many exhibitors whose animals were good enough to win at some of the state fairs failed to win a single prize. This illustrates the quality of this great show.

The college show herd consisted of four Angus, three Shorthorn, three Hereford, and two Galloway steers; six Percheron and five Belgian horses; six Hampshire, six Poland, and four Duroc Jersey hogs; eight Hampshire, eight Shropshire, eight Dorset, eight Southdown, and 12 fat sheep; also one carload of fat lambs which won the grand championship in the car lot division. Besides this great honor the college won 14 other championships, 36 first prizes, and 28 second prizes.

### MEMBERS OF COLLEGE FACULTY ATTEND VOCATIONAL MEETING

**Williams, Edwards, Davidson in Detroit This Week**

Three members of the faculty of the college department of education are attending national vocational meetings in Detroit this week. They are C. V. Williams, professor of vocational education; Margaret Edwards, associate professor of education, and A. P. Davidson, assistant professor of education, and principal of the vocational school. Professor Williams is chairman of a committee on teacher training. He will read a paper entitled "The Relation of the Teacher of Vocational Agriculture to the Community."

### FOUR STUDENTS ELECTED TO AMERICAN QUILL CLUB

**Twenty Persons Compete for Membership in Writers' Organization**

Ur Rune of the American College Quill club has announced the following pledges: Mrs. Blanche Forrester, special in industrial journalism, Manhattan; Helen Correll, freshman in industrial journalism, Manhattan; Lucy Jewell of Manhattan, and C. R. Smith, senior in industrial journalism, Herington.

Twenty persons competed for membership.

## PROGRAM IS COMPLETE

**MORE THAN 950 REGISTERED FOR OLDER BOYS' CONFERENCE**

**Attendance of 1,000 Expected at Three Day Gathering Here Friday, Saturday, and Sunday—Dinner in Gym First Evening**

More than 950 boys had registered this morning for the older boys' conference of the Y. M. C. A. which is to be held at the college Friday and Saturday, and at the churches of Manhattan on Sunday. More than 1,000 are expected to attend. The visitors will register at the Community house Friday. The conference will start at 3 o'clock Friday afternoon.

A dinner will be given in Nichols gymnasium Friday evening at 6 o'clock. Mike Ahearn will act as toastmaster and Chester Guthrie as song leader. Talks will be made by Mayor J. C. Barber, Head Coach Charles Bachman, James Price, president of the Hi-Y, Manhattan high school; Prof. J. S. Hughes of the college faculty; E. B. Gift, superintendent of schools of Manhattan; A. A. Holtz, Y. M. C. A. secretary; L. A. Bardwell, president of the chamber of commerce; Dean Holton, president of the Rotary club; C. M. Padlock, president of the Cooperative club; Dr. W. F. Slade, president of the Kiwanis club; and B. V. Edworthy, State Y. M. C. A. secretary. A negro glee club from Topeka will furnish music. Later in the evening a program of addresses on "Training for Service" will be given in the auditorium. This topic is the theme of the conference.

### BANQUET SATURDAY P. M.

Business sessions will be held from 8:30 to 10 o'clock Saturday morning. From 10 to 12 addresses will be given.

The Saturday afternoon schedule is as follows: 2, parade; 2:30, football game, Kansas Aggie varsity vs. Aggie freshmen, Ahearn field; 4:00, tour of campus.

A banquet will be given Saturday evening from 6:30 to 9:00. The Manhattan Glee club will furnish the music.

Saturday evening from 9 to 10 o'clock a program, consisting of five stunts will be given by the following: Y. M. C. A. of college; W. A. A. of college; W. A. A. of college; Charles Cloud; High School Y. M. C. A.

### PROGRAM FOR SUNDAY

Sunday morning services from 8:30 to 9:45 will be conducted by the Rev. Ray Anderson, of Wichita. In the afternoon addresses will be given at the Presbyterian church, on "World Fellowship," by missionaries from foreign countries. The conference will close Sunday night, at the Methodist church, where there will be a union fellowship social hour and a union young people's meeting.

### MISS MANNING AND MISS HANNEN GIVE A RECITAL

**Last Number of Music Department Series December 10**

Lois Manning, contralto, Helen Hannen, violinist, Gertrude Rosemond and Elsie Smith, accompanists, all of the faculty of music, appeared in the recital given at the auditorium, Sunday afternoon.

This is Miss Manning's first year at Manhattan but her program Sunday proved that she has an excellently trained voice. Her rendition of "In the Garden" by Schumann showed vivacity and piquancy. Perhaps Miss Manning's best number was the difficult "The Cry of Rachel" by Salter.

Miss Hannen's numbers demon-

strated splendid technique and finish of performance. Of her varied program one of the interesting features was the andante movement of the "Concerto" E minor by Mendelssohn with its lofty lyricism. The "Legende" by Wieniawski is always popular and Miss Hannen's interpretation showed extraordinary richness and clearness of tone.

No recital will be given next Sunday because of the Thanksgiving vacation. The last recital of this series will be on December 10, when Prof. William Lindquist, baritone, and Miss Elsie Smith, pianist, will appear on the program. Both of these musicians are well known in Manhattan and their recital promises to be one of the best of the series.

## ANNUAL DAIRY SHORT COURSE IS ANNOUNCED

**Two Weeks' Intensive Work for Herdsmen Offered by K. S. A. C. December 4 to 16**

The department of dairy husbandry of K. S. A. C. has announced its second annual dairy cattle herdsmen's short course to be held from Monday, Dec. 4 to Saturday, Dec. 16. This two-week course will cover extensive training in the class room and laboratory, and with the college herd. Animals available for study include many state record cows of the Ayrshire, Guernsey, Jersey, and Holstein-Friesian breeds.

Some of the subjects to be covered in the class room and laboratory are testing milk and cream, production of clean milk, feeding, judging, housing and care and management of dairy cattle, fitting animals for show and sale, study of pedigrees, and keeping records in the dairy herd.

The rapid strides made by the dairy cattle industry in Kansas have created a demand for men with special training in care and management of purebred dairy cattle. The course is planned to meet the needs of the established breeder of dairy cattle, as well as the man just entering this line of work.

### COLLEGE LENDS AID TO H. S. AGRICULTURE TEACHERS

**Agronomy Department Sends Out Sample Materials**

Increasing interest in the teaching of agriculture in Kansas high schools is indicated by the large number of requests for assistance in such work which come to Kansas State Agricultural college, especially with reference to the preparation of teaching materials.

One of the services which the college renders to the high schools is the preparation of type samples of seeds, plants, and soils for use in teaching agriculture. During the past two years the agronomy department of the college sent to Kansas high schools 21,191 of these type samples.

These samples are invaluable to teachers of high school agricultural subjects, as a study of them is essential to an understanding of the properties of soils and the behavior of crop plants.

A woven wire dam across a gully will check gully erosion if it has not already proceeded too far. The dam is essentially a low fence with the posts set deep and close together.

A good potato storage house should protect potatoes from extremes of heat and cold, shut out light, provide good ventilation and drainage, and furnish enough moisture to prevent wilting.

## HAWAIIAN TO SING HERE

**TANDY MACKENZIE NEXT IN ARTISTS' SERIES**

**Concert Tenor, Native of Pacific Isles, Attracts Attention of Music Lovers Before Receiving Any Training—To Give Program Tuesday**

Tandy MacKenzie, American concert tenor, who will appear at the college auditorium in the second number of the Artists' series next Tuesday night, is a native of Hana on the island of Maui, one of the Hawaiian group, where his father had a large sugar plantation. He was sent to school at Honolulu, and when he finished there, attended the Northfield seminary in Massachusetts to prepare for Harvard Medical school, as he intended to follow the career of a doctor.

### FIRST IN COMIC OPERA

Up to the time of leaving his native islands he had never sung, but at the seminary he discovered that he had a voice and used to sing for his own amusement and that of his fellow students, though he had no vocal training. One day on a visit to Boston he was singing for a party of friends when a comic opera manager chanced to hear him and engaged him on the spot.

In the course of its tour the company appeared in Toronto. Stanley Adams, the director of music at the Eaton Memorial Church there, heard the performance and, convinced that the young tenor had possibilities above comic opera, persuaded him to accept the position of tenor soloist at the church. He remained in the Canadian city for nine months.

### ENLISTS IN CANADA

With the outbreak of the war he offered his services to the Canadian government and made several trips to France in the remount service. Later he went to New York, where his voice found him employment at the Hotel Biltmore. Henry Ford heard him there and immediately took him to Detroit. For seven months he was constantly in the Ford factory, singing daily for groups of the workmen at the recreation hour.

It was John McCormack who first gave him the idea that his vocal ability was quite unusual. McCormack heard him at a week end party at Stamford, Conn., and when he learned that Mackenzie was almost without vocal training of any sort, he was greatly astonished.

"Do you know," the famous tenor said to his young fellow artist, "that there are not five artists in the world who are capable of some of those vocal feats you have just accomplished?"

### WILLIAM THORNER'S PUPIL

During Mackenzie's engagement at the Biltmore, William Thorne, the vocal teacher and discoverer of great voices, who has to his credit the successes of Galli-Curci, Rosa Ponselle and other great singers, heard him and took him into his studio, where he prepared for two years for his public career. The Metropolitan Musical bureau, managers of Caruso, Martinelli and other world-famous tenors, engaged Mackenzie for five years, believing that his voice of unusual beauty and purity would secure a prominent place for him in the concert world.

"Of all the extension work, I am convinced that the work with the boys and girls is the most profitable and brings the most returns for the amount invested."—Charles W. Pugsley, assistant secretary of agriculture.



## THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kan.

W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLBY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, NOVEMBER 29, 1922

### THANKFULNESS NOT COMPLACENCY

At every Thanksgiving there is one temptation to be guarded against: the conception of thankfulness as complacency. Particularly is it a temptation to those who have a goodly heritage, whether of wealth or education or native intelligence or what-not. There is no justice in complacency about ourselves, our possessions, our neighbors, our community, or anything else. There is nothing that cannot be improved; if a thing cannot be improved intrinsically, at least it can be used better. Complacency has impeded all progress.

### EDUCATION A UNITY

The meeting of the American association of Agricultural Colleges and Experiment Stations is a tribute, paid annually, to the unity of education. And unity of education is a fact to which too much tribute cannot be paid.

The fact has been recognized practically from the beginning. In the Middle Ages few students remained in one university. The typical student went from university to university, absorbing from each something toward his education. It was a useful custom, bearing witness constantly in a provincial generation to the fact that education is not the product of any one nation or region or view of life or state of mind.

The old custom has been abandoned for the most part. With the development of printing and other means of ready communication, what facts are available in one institution are available soon in all. But that is not true of the less tangible realities of education, and there is a tendency among students and faculty alike to take a provincial attitude toward education, as if it were the property of their institution alone. All conventions of educators—and particularly highly professional gatherings such as the one recently held in Washington—help keep in us the conception of education as a world force, not a provincial activity, as a great, ever changing movement, not a traditional possession.

### CORN TASSELS

A. D.

"Babies kick for their bottles," observes the Iola Register, "but they have nothing on some of their fathers."

A warning against things as they seem is issued by the Fairview Enterprise, which declares that it's foolish to suppose that the girl with the dreamy eyes isn't wide awake.

Going the limit seems perfectly legitimate as long as one stays within the three miles.—Eldorado Times.

Another thing the country needs, prescribes the Concordia Blade-Empire, is a safety match that can really be lighted.

If you're looking for some impossible task just try to convince a woman she is wrong when she knows she is wrong.—Parsons Daily Republican.

Astronomers have pictures of suns said to be 10,000 times hotter than ours. Beats Hell.—Russell Record.

Before expressing an opinion on the question raised by Ambassador Harvey whether or not women have souls, the Great Bend Tribune wants it first definitely settled what a soul is.

The Washington Republican Register admires the cow because, "although that animal has only two stomachs she doesn't do as much billiakin as many people with almost no stomachs do."

"All the education in the world," says the Caldwell Messenger, "can't prevent a man from making a fool of himself if he is determined to do so."

### A QUARTER CENTURY AGO

Items from The Industrialist, November 28, 1897

Dr. E. W. Bemis lectured at Olsburg one evening last week.

Many students went home last week for a short holiday visit.

Prof. J. D. Walters will lecture on "Does It Pay?" at Riley next Friday evening.

The Alpha Beta literary society will give its annual exhibition next Saturday evening, December 4.

Assistant W. L. Hall enjoyed a visit from his father for several days during the past week. Mr. Hall owns a fine farm near Bluff City, in Harper county.

Professor Willard enjoyed a visit from his father last week. It sounded rather odd to hear Mr. Willard speak of the professor as his "boy."—Students' Herald.

The Kansas Poultry association will hold its annual meeting at Manhattan, January 11. The agricultural college extends an invitation to the members to visit its classrooms and laboratories.

From Corinth, Miss., comes the sad news of the death of J. N. Harner, '92. Mr. Harner is a cousin of Miss Myrtle Harner of the junior class. His remains were buried at Lasita, Riley county, near the home of his parents.

Mr. F. Mathews, associate editor of the New York Sun, visited college last Friday, for the purpose of studying its means and methods. He was especially interested in the new domestic science building, and the work of the different departments of the experiment station.

Married at the home of the bride's parents, at noon Wednesday, November 24, Miss Mayme Stingley, of Manhattan, and Mr. James H. Enlow, of Pavilion, Wabausee county, Kan. Both have been students at this college. THE INDUSTRIALIST extends congratulations.

On the day of the cattle sale we had the pleasure of meeting our old friend and collaborator, H. B. Cowles, formerly professor of English and history at this college. Mr. Cowles is now a prosperous lawyer at Topeka, and assures us that he is still a "very single man." He was greatly pleased with the prosperous condition of the college.

Died, November 24, at the home of her parents in Manhattan, Lottie Eakin. The young woman began the work of the fall term at the agricultural college apparently in perfect health, but a few weeks ago fell a victim to typhoid fever. Miss Lottie Eakin was 20 years of age, a good

student, a promising musician and a young woman of bright prospects.

As heretofore announced, a prize of \$50 will be given to that student from the country or small town schools who passes the best examination in arithmetic and a small amount of elementary algebra at the entrance examinations to the Kansas State Agricultural college, in September next.

The agricultural college is represented on the program of the State Teachers' association by President Thomas E. Will, who speaks in the college section on "The Demand for the Practical in Education;" Mrs. E. R. Nichols, who will read a paper in the kindergarten section on "The

struction is being vigorously performed in all departments. Much has been accomplished since constructive work was commenced a few months ago. The plans have been arranged on an elaborate scale of architecture for all the principal buildings.

Contractor L. D. Eversole has formally turned the new domestic science building over to the college, and the work of placing the different equipments has commenced. The material for the heating apparatus will arrive during the present week; the electric light fixtures are nearly finished; the sewers and drains are laid, and the carpenters are at work finishing the basement. Prof. J. D.

## The Measure of Education

John G. Bowman, Chancellor of the University of Pittsburgh

Many students come to the university satisfied that they know for what they are fit. Enthusiasm runs high; some hold it for medicine, some engineering, some law, etc. They are "set to go." They are impatient except that each effort is obviously to acquire technical training toward their chosen mark.

This enthusiasm is the stuff of which success is made. But if it is allowed to run sheer into technical training from the start, it leads to mediocrity and disappointment. The reason is that the practice of a profession is not an orderly affair like a recitation. Its limits are not marked. Its fuses into the motive force of the community. The boy, for example, who would find in engineering the means to make the most of himself, must grasp more than the application of physics, chemistry, and mathematics. He must be part of the motive force of his community. He must enter into vital relations with his fellows; he must grasp with intelligence, speed, and sympathy the point of view of his fellows. He must share their lives and lead them to share the good in his. In order to enter into this contact, then, he must know more than technical engineering. He needs the fundamental facts of economics, government, and biology; and he needs literature and language. What he needs is sometimes described by the word "culture." His courses in the university are, therefore, set to meet these needs.

The engineer, then, can neither be narrowly educated nor can he live in isolation if he would be a great engineer. His spiritual growth, the revelation of his own gifts to himself, and much of the service for which he is paid, spring from a human give-and-take. His real power lies in his relation to his fellows; and in them, in the happiness which he contributes to their lives, he finds the object of a devotion which holds enthusiasm and satisfies.

Education in engineering or in any other field is poor stuff unless its value is measured in terms of human relationship. Thoughtful men, in making up their personal inventories, count in the last analysis all things to be of little worth except what they have done unselfishly for others. No effort on the part of the university can be too great an effort in order to turn out men and women who have in them an ideal of service.

Relation of the Kindergarten and Primary School to the Home;" and Prof. O. E. Olin, who will discuss in the general meeting "Why Are Boys Not in the High School?"

The college museum is indebted to Captain Bolton and Frank Shelton, junior, for a number of very fine specimens of birds. The skins have been here for some time, but have just lately been mounted and put in the cases. Captain Bolton's specimens came from near Ringgold, Tex., and consist of two scissortailed fly catchers, two green jays, one golden woodpecker, and one Audubon's oriole. Mr. Shelton's collection came from Australia, and is hence tropical. It consists of a blue mountain parrot, rifle bird, black pigeon, swamp pigeon, dollar bird, and several others. Most of them are very beautiful, and all are well worth looking at.—Students' Herald.

A little more than six months hence the Trans-Mississippi and International exposition at Omaha, will be opened to the world. June 1, 1898, is the date set for the inauguration. The gates will close November 1. Arrangements are already far advanced, plans have been definitely adopted, and the work of con-

Walters has ordered the necessary tables, chairs, recitation seats, and bookcases, and Prof. Helen Campbell was in Kansas City during the holidays buying kitchen and dining room utensils. Everything will be ready by the first of January.

THE INDUSTRIALIST, which is the organ of the state agricultural college, Manhattan, Kan., is a very lively paper since the revolution in the faculty of that institution. President Will is evidently not intending to rust out on a flowery bed of ease, and the board of regents is hardly less active. They have all publicly promised that the college shall not be run in the interest of politics, and the interests of education demand that it shall not be run in the interest of any ism. A renowned political economist once remarked that some of the greatest things in this world did not have an idea in them, to which a philosopher replied, "Political economy, for example." We do not think that either the economist or the philosopher was altogether in the right. President Will is active in making it manifest that political economy is a great thing which has some ideas in it.—Public School Journal, Bloomington, Ill.

## MONODY TO THE SOUND OF ZITHERS

Kay Boyle in Poetry

I have wanted other things more than lovers . . .  
I have desired peace, intimately to know  
The secret curves of deep-bosomed contentment,  
To learn by heart things beautiful and slow.

Cities at night, and cloudful skies, I've wanted;  
And open cottage doors, old colors and smells a part;  
All dim things, layers of river-mist on rivers—  
To capture Beauty's hands and lay them on my heart.

I have wanted clean rain to kiss my eyelids,  
Sea-spray and silver foam to kiss my mouth.  
I have wanted strong winds to flay me with passion;  
And, to soothe me, tired winds from the south.

These things have I wanted more than lovers . . .  
Jewels in my hands, and dew on morning grass—  
Familiar things, while lovers have been strangers.  
Frieded thus, I have let nothing pass.

## BRITISH VS. AMERICAN NEWSPAPERS

The newspaper of today plays a tremendous part in the life of all the more advanced nations and perhaps a larger part in Great Britain and America than in any other countries. And undoubtedly we influence each other.

Mostly the influence is from your side to ours, as witness the vast development in the last 20 years of the English popular press formed on American models. But perhaps there are reactions also the other way. We are so like and yet in so many ways so different that we can hardly help having some effect on each other. One great difference between the newspapers of the two countries is that the British ones are more distinctly political and that is largely due to a difference in institutions. If the house of representatives exercised, besides its own powers, nearly all those also of the senate and controlled the president, and if besides there were no fixed term to its existence and it might be driven any day to a general election, what a mighty difference it would make to the day-to-day interest of American domestic politics and what an invasion there would be of the columns of newspapers by political discussion. You would live as it were in a perpetual presidential election campaign. I do not pretend to say whether this would be an advantage or not, but at least your newspapers would become a good deal more like ours.—C. P. Scott, Editor of the Manchester Guardian.

Of considerable interest to weather forecasters in this country is the conclusion reached by Norwegian meteorologists that the properties of the air with respect to stability and moisture content are more important factors for the occurrence of summer local showers than the general distribution of pressure.

Rabbits and mice often damage young fruit trees by eating the bark at this time of the year. Trees may be protected by painting the trunks with concentrated lime sulphur solution or by making protectors of poultry wire, building paper, or cornstalks.

Head chop, made by grinding the entire heads of sorghum, is valuable for producing a high finish on cattle when supplemented by a rich protein concentrate.

In extremely cold weather, laying hens should be given all the whole shelled corn they will eat just before they go to roost at night.

Sand is a very good extinguisher of burning oil where the fire is on the floor or in a shallow container.

Kansas has more purebred Short-horn cattle than any one of 42 states.



## AMONG THE ALUMNI

Sue Unruh, '22, is teaching in the Dodge City high school.

Roy N. Young, '14, is now located at 1310 Munday avenue, El Paso, Tex.

Dr. E. H. Ikard, '19, is practicing veterinary medicine at Gooding, Idaho.

Nellie M. Hord, '21, is in Norman, Okla. Her address is 444 Elm street.

Mabel C. Adams, '20, is teaching home economics in the high school at Ransom.

Walter R. Harder, '22, checks in from 709 Spruce street, Coffeyville, with an active membership.

Charles Stants, F. S., and Lucy (Platt) Stants, '12, have moved from Owasso, Okla., to Petrolia.

Virginia Ann Layton, '16, checks in for a membership from Tulsa, Okla., where she is teaching in the high school.

Hazel Graves, '22, is working for the Visiting Housekeepers' association of Detroit, Mich. Her residence is at 1217 Clairmont, Detroit.

Harrison Brookover, '18, Eureka, signs up for another hitch in the association, and adds a word of commendation for the work the organization is doing.

S. D. Capper, '21, is cooperating with A. R. Loop, county superintendent of Mitchell county, in promoting boys' and girls' club work in that county. A number of good clubs have been organized.

G. D. Noel, '09, includes some noise for the Wildcat football team in his letter asking that his INDUSTRIALIST be sent to Plattsmouth, Nebr., where he is making his headquarters. He formerly lived at Weiser, Ida.

Charles A. Leech, '13, in requesting that his INDUSTRIALIST be sent to Espanola, N. M., announces that he and Verna (Rumbel) Leech, '13, are "rearing a husky little Kansas Aggie, Adelbert William, class of '41."

Nettie M. Wismer, '19, sends best wishes for K. S. A. C., a renewal of membership, and a request for THE INDUSTRIALIST to be sent to 1414 New York, Lawrence. She is teaching in the junior high school at Lawrence.

John Lanto, '17, was in Manhattan Saturday. He is in the department of agriculture at the New Mexico A. and M., State College, New Mexico. H. L. Kent, formerly principal of the school of agriculture here, is president of this college.

We thank Grace I. Gish for the kind words which accompanied her check for active membership. "I am surely proud of the accomplishments of the association, and hope its influence will continue to grow," she writes from her new home at Holstein, Iowa.

Bess (Thomen) Cramer, '18, writes in from Gardner to request that she and Mr. Cramer be included in the list of Homecomers. She thoroughly enjoyed the Homecoming, and after seeing the completed section of the stadium is ready to give, she declares.

Marion C. Reed, '21, chemist with the Mallinkrodt Chemical works of St. Louis, read a paper before the St. Louis section of the American Chemical society November 6. His paper was the thesis he prepared for a master's degree at Ohio State university last spring.

P. C. Manglesdorf, '21, who has been doing advanced work in plant genetics at the Connecticut Agricultural Experiment station, New Haven, Conn., has been transferred to the Bussey institute, Boston, Mass. He writes that he will be in Boston for the next six months.

Clara (Willis) Lamer, '15, checks in from Greenville, Tex. Bernard Lamer, F. S., her husband, is conducting army goods auctions in Texas.

Mrs. Lamer incloses her 1921-22 questionnaire which contains the news that the tribe of Lamer includes Bernard, jr., age 4, Charles William, 3, and Stanley Willis, 18 months.

Louis Vinke, '20, is instructor in vocational agriculture at Wakefield. Recently he has organized a baby beef club of 53 members, and is working out the organization of a Hereford-Shorthorn calf club. Through his work Mr. Vinke has aroused considerable interest in club and vocational work in the southern part of Clay county.

Rena A. Faubion, '10, checks in from National City, Cal. "I left the K. S. A. C. extension service a year ago last July," she writes, "for an extended trip and vacation. I succeeded in reaching California and haven't been able to get away. I have a very good position here as head of the home economics department and am liking my work very much."

### An Attempt to Deceive?

The duplicity, i. e., the attempt to duplicate, practiced by Ralph L. Foster, '20, is detailed by L. C. Moser, '18. "On Wednesday of this week," he writes under date of November 9, "I received one of those little cards with pink piping around it announcing the arrival of Betty Lee Foster at the home of Mr. and Mrs. Ralph L. Foster."

"On Thursday, same week, I received the Kansas home town paper announcing the birth of a son, Edwin Lee Foster, to same newspaper guy and wife."

Moser believes that a firm, vigorous discussion of the ethical standards of veracity in the newspaper profession should be had through the columns of THE INDUSTRIALIST with Foster in an effort to get the facts in the case.

"This looks to me like a clear case of fudgin—an attempt to run up the score, trying to pass Betty Lee off as twins," declares Moser.

### Entertains Second Generation '95ers

Ada Rice, '95, associate professor of English at K. S. A. C., entertained on November 18, with a buffet dinner at her apartment at 917 Osage street, for the sons and daughters of the class of '95 who are attending college this year. The students of the second generation of '95ers are as follows: Marian Chaffee, senior; Carl Chaffee, freshman; Dahy Barnett, Mildred Emerick, and Rachel Stewart, juniors; Dean Smith, George Wheeler, and Dorothy Davies, sophomores.

### When Are Grads Old?

C. H. Thompson, '93, checking in from Massachusetts Agricultural college, Amherst, wants to know when is an "old grad." "By the last number of THE INDUSTRIALIST I see," he writes, "that you speak of somebody of '06 and some one else of '08 as 'old grads.' By that arithmetical digression I take it that all graduates of the nineteenth century would properly be termed 'ancient grads.' I will be interested in perusing the first pages of the directory to learn what the other 'ancients' are doing."

## BIRTHS

Laud R. Hill, F. S., and Elsie (Blaylock) Hill, '15, Smith Center, announce the birth November 19 of a son whom they have named Laud Richard.

L. A. Magrath, '20, and Catherine (Fox) Magrath, F. S., Greeley, Nebr., announce the birth May 23 of a son whom they have named Leo Bernard.

Henry B. Bayer, '16, and Wilma (Burtis) Bayer, '16, Stonehaven farm, Manhattan, announce the birth November 13 of a son, whom they have named Stanley Burke.

## LOOKING AROUND

OLEY WEAVER, '11

Faculty members often leave the campus for several days and upon returning announce they have been to a distant place. Mention appears in THE INDUSTRIALIST.

Complaints come to this office from alumni in the city visited that word was not sent to them prior to the visit.

Things rest easier now. The faculty is beginning closer cooperation to the extent that alumni groups may be informed. Two things yet are needed the more readily to establish contacts. One is the alumni directory; the other is better alumni organization.

The directory is in process of compilation. It has been so for two years, yet when published it will be notable for its inaccuracies, the reason being that this office is the last to receive notice of a change of address or occupation. The directory will not be as pretentious as early plans would have it, but it will be a directory. If the association funds permit, a directory will be issued each year, revising address lists annually. But alumni must cooperate.

With a directory in hand, anyone finding himself away from his old home town may have opportunity to renew college acquaintances.

It is not reasonable that this office should be expected to notify all alumni in a city that a faculty member or college representative is due soon. If a local association exists and functions properly it would be enough to notify the secretary.

Perhaps this is not an advantage of organization? But it is. Local groups in Kansas are beginning to get better acquainted through more frequent meetings. And how much more it means to those at a distance to visit with others who have shared the joys of student life at K. S. A. C.

### Assistant to 4,000 Farmers

Amer B. Nystrom, '07, writes from 3642 Interlake avenue, Seattle, Wash., with alumni dues, comment, and news of himself and Mamie (Frey) Nystrom, '07. "We have been much interested," he writes, "in reading the news in the Industrialist, and especially the write-ups of the games. That K. U. game must have been a dandy. I wish I could have been there."

"For the past five years I have been in county agent work. At present I am located in King county, Wash., the largest dairy county in the state, and I have the pleasant work of trying to assist 2,000 dairymen in making more money out of their 25,000 cows. In addition, I help the poultrymen, of whom there are more than 1,000, and sandwich in some work with the berry growers and gardeners. In all there are about 4,000 farmers in the county."

And while he does not definitely commit himself, Nystrom partially promises an invasion of Manhattan within the year.

### As Albino Sees It

N. J. Albino, a student at K. S. A. C. for the past two years, writes from Gary, Ind.:

"I am enclosing a check for \$10, my pledge for this year toward the construction of the stadium. If I were a John D. or a Henry Ford, I would send a much larger amount."

"I feel proud to have been a student of K. S. A. C. and would have entered again this fall, but have promised my parents in Serbia that I would visit them next summer, therefore must save for the trip."

"I am employed at present by the United States Steel company at Gary.

This company employs about 19,000 men. I have charge of 1,500 men in the coke plant. It is my duty to see that they work under safe conditions. This plant uses from 160 to 190 cars of coal every 24 hours.

"I was pleased to read of the Aggies' victory over Missouri. Fine work, Aggies!"

"I trust that my countrymen, the Serbs, may be able in time to maintain a college of the first rank like K. S. A. C., including its splendid new stadium."

### Yuasa to University of Kioto

Hachiro Yuasa, '15, visited the college and old friends November 6 to 8. Since his graduation he has studied in the University of Illinois and received the degree of doctor of philosophy. He has recently been appointed professor of entomology in the Imperial University of Kioto, Japan, where he will begin service April 1, 1924. In the meantime he will spend a year or more studying in Europe.

### Aggie Scores in Eastern Papers

R. H. Van Scoik, '14, Binghamton, N. Y., sends a reproduction of the October 25 report of the Dairymen's League Co-Operative Association, Inc., by which he is employed as a division representative in charge of organization and production. From the report we glean the facts that the association has more than 50,000 members, operates in six states, and that it handled more than \$7,000,000 worth of milk in August, 1922, alone.

He also writes that "it looks good to see some good Aggie scores in eastern sport columns."

### C. A. Scott, '01, To Florida

Charles A. Scott, '01, Manhattan nurseryman, left Saturday, November 4, for Ft. Pierce, Fla., where he will supervise the planting of a thousand acres of citrus fruit land on his own property. He will also assist J. J. Heim, Kansas City banker, in opening up a 35,000 acre tract for citrus fruit groves.

### Clay Lint, '12, a Ph. D.

H. Clay Lint, '12, was a college visitor the week before Thanksgiving. He has taken a Ph. D. at Rutgers since his graduation from K. S. A. C., and is now a special representative of the Texas Gulf Sulphur company, with headquarters at 41 East Forty-second street, New York City. He is doing agricultural research work with especial attention to the fellowships established in 10 colleges and universities by the Texas Gulf company in order to gather information concerning the use of sulphur in agriculture. He inspected the experiment station work here, and traveled on west. He will spend part of the winter on the Pacific coast looking over experiment stations there.

Clara (Morris) Lint, '11, and the two Lint children are visiting Mrs. Lint's father, Walter Morris, in Wichita for the period of Lint's stay on the west coast.

### A New Aggie Coed

Ralph L. Foster, '22, and Bertha (Butler) Foster, 205 East Twenty-second street, Little Rock, Ark., announce the birth October 30 of a daughter whom they have named Betty Lee.

"The little lady arrived just two days late to celebrate her dad's birthday and the Aggie tie with K. U.," says Foster.

Foster since July 1, 1920, has been editor for the College of Agriculture of the University of Arkansas.

### Main Business, Farming

F. J. Habinger, '99, Bushton, writes that "with us events are normal. I am still producing wheat, corn, meat in the form of cattle, butter, eggs, and horticultural products. I let such things as being president of the Bushton Grain and Supply company and vice president of a bank be side issues."

### Kansas—According to Graham

I. D. Graham, for many years on the college faculty, and since leaving, assistant secretary of the Kansas state board of agriculture, is making a bid for the mantle which F. D. Coburn dropped when he left the board of agriculture. Graham's latest, a "thumb-nail" sketch of Kansas, is reproduced herewith:

"Kansas occupies the whole of North America except that used by Canada, Mexico, and some other states. It derives its name from the Kansas river which is the dustiest stream on earth and the only one navigable for pedestrians."

"Kansas is a large body of land entirely surrounded by the United States. It was the first state to maintain a bone dry law and, if it were freed from its entanglement with other states, it would float on the vast sea of fresh water which underlies it."

"The state is so long that out in Coolidge they consider Wyandotte county a part of the effete east and dub its inhabitants Yankees. The pursuit of the people of Kansas is the making of crop records and their chief occupation is to keep from making all the money in the world."

"If Kansas were removed from its place the United States would look like a peanut with the kernel gone."

"With more acres under cultivation than any other land except Texas, which has not yet been divided into states, and more wheat than any other political unit in the world Kansas had to expand sideways and is now bounded by the lakes of oil on the under side and the milky way on top."

"Each year the Kansas hen produces more than half the value of the output of all the gold mines in the United States and more than three times the first cost of Alaska, without counting the large number of her yellow legged sons which enter the ministry."

"Though in some places the hog is ranked among 'the short and simple animals of the poor' the Kansas hog makes both ends meet. As a mortgage lifter the Kansas pig is a self-starter that always works 'on high' with more miles of prosperity to the gallon of skim milk than any other 'make,' while the sow is the embodiment of Kansas on the rind. If all Kansas hogs were combined into one animal he could solve the 'Great Lakes to the Sea' problem in about two roots."

"Kansas alfalfa, all in one stack, would make Pike's peak look like a golf tee, while her 'cribbed and confined' corn crop would extend the Woolworth building clear to Boston back bay."

"A combination of all Kansas cattle into one animal would make a cow whose milk flow would replace the Great Lakes; whose body would extend from the gulf to the Arctic and, while she browsed on the greenery of the tropics, her tail would brush the mist from the Aurora Borealis."

"Kansans are but a modest folk. They admit that there are other states of minor importance and other civilizations in the making. They would not claim the earth if they could, because they already have the best part of it and have little need for the rest."

### Another Inquiry for "Sunflowers"

Murl Gann, '19, is teaching in the high school at Kewanee, Ill. She voices a query concerning the whereabouts of THE INDUSTRIALIST "Sunflowers." "I miss it a lot," she writes.

### It "Just Happened"

A party of alumni "just happened" to dine at the Grace Dodge hotel in Washington, D. C., on the Sunday following the Homecoming game, Rosalie Godfrey, '18, writes. Homer Cross, '19, Velma (Carson) Cross, '19, of Pittsburgh; Robert Hoad, '14, Fort Meyer, Va., and Elizabeth Hoffmann, '17, and Miss Godfrey, Washington, D. C., were present.



## AGGIE CAGERS WORK OUT

### CAPTAIN FAVAL FOVAL IN CHARGE OF PRACTICE

Ted Curtiss Will Coach Again—Five Letter Men Return—First Game With Nebraska January 6—Round Robin Schedule

Captain Faval Foval, Winfield, is holding daily workouts with Kansas Aggie cagers, although several K. S. A. C. basketball men are on the football squad and will not be released until after the Thanksgiving game with Texas Christian university tomorrow. Ted Curtiss, basketball coach, is freshman football coach. He has been unable to devote much attention to the indoor sport during the football season.

Letter basketball men on the football varsity squad are H. G. Webber, Dodge City, and Captain Ray D. Hahn, Clay Center, both guards on the Aggie varsity five. Arthur Doolen, Kimmunity, Illinois, L. S. Munn, Norton, and Harold Gillman, Salina, all of last year's freshman basketball team, are on the football squad. Munn is a guard and Doolen and Gillman are forwards.

### LARGE NUMBER IN PRACTICE

More than a dozen men are attending the daily practices under Captain Foval. Andy McKee, Manhattan; F. C. Healea, Wichita; P. P. Rumold, Manhattan; Fred Schultz, Wathena, are out for center. McKee is a letter man from last year. Healea was on the squad of the past season and the other men were freshmen.

For guards Captain Foval has J. F. Gartner, Manhattan; R. C. Lane, Kansas City, Mo.; and L. O. Sinderson, baseball captain elect, Manhattan. Sinderson is from last year's squad, Gartner from the freshmen, and Lane, although a junior in college, is a new man.

### FORWARDS ARE PLENTIFUL

K. R. Bunker, Kansas City, Mo.; C. E. Long, Hutchinson; and Loraine Staley, Garden City, are from the yearlings of last season. E. H. Bradley, Winfield, was a member of the '19-'20 freshmen, but was not in school last year. L. W. Grothusen, Ellsworth, played in several of last year's games and M. Dobson, Winfield, is a letter man from last year. All these candidates are working out as forwards.

C. G. Kuykendall, Twin Falls, Idaho, track captain elect, will be in school next semester and may be out for the team. He won his letter in '20-'21.

### SCHEDULE IS COMPLETE

The Aggies have six games before the opening of the second semester. The Wildcat cagers open the season with Nebraska here. The season's schedule follows:

Jan. 6 Nebraska at Manhattan.  
Jan. 12. Missouri at Columbia.  
Jan. 13. Washington University at St. Louis.  
Jan. 19. Oklahoma at Manhattan.  
Jan. 20. Washington at Manhattan.  
Jan. 29. Kansas at Lawrence.  
Feb. 5. Ames at Manhattan.  
Feb. 13. Missouri at Manhattan.  
Feb. 16. Nebraska at Lincoln.  
Feb. 20. Kansas at Manhattan.  
Feb. 22. Grinnell at Manhattan.  
Feb. 26. Oklahoma at Norman.  
Mar. 1. Ames at Ames.  
Mar. 2. Grinnell at Grinnell.  
Mar. 3. Drake at Des Moines.

### SUDAN GRASS IS PROFITABLE FOR PASTURING DAIRY COWS

Grazing Experiment Results Are Announced at Fort Hays

Sudan grass is proving its worth as a pasture grass to the farmers of western Kansas and will no doubt aid in filling the gap made by plowing up the buffalo grass which has in the past supplied this necessary element to the success of the man with a few cows, according to L. C. Aicher, superintendent of the Fort Hays branch of the state agricultural experiment station.

The Fort Hays station has just concluded a pasture experiment wherein seven Holstein cows were pastured on 7.4 acres of Sudan

grass. The Sudan was planted on bottom land, May 12, and was sown at the rate of 40 pounds per acre. A good thick stand was secured. The seven cows were turned in on June 17 and taken out September 1.

The average milk production of the seven cows was 26 pounds per cow per day. One cow was dry 12 days prior to giving birth to twin calves and another was dry 26 days before calving. The cows gained a total weight of 92 pounds during the period, not including the weight of the calves.

In addition to the Sudan grass pasture the cows received daily one pound of concentrates, composed of a mixture of 400 pounds of ground Kafir; 200 pounds of bran; and 100 pounds of cottonseed meal, to every five pounds of milk produced per day.

### SAY CAFETERIA DINING ROOM IS MOST ATTRACTIVE IN STATE

Patrons Note Beauty of Newly Opened Structure

"The most attractive public dining room in the state," remarked many patrons of the new Kansas State Agricultural college cafeteria which was opened yesterday to the students and faculty. The new building, artistically designed, well constructed, and efficiently equipped, was erected at a cost of \$125,000. Delay in the shipment of building materials due to strike conditions was responsible for the postponed opening of the cafeteria.

The building was designed by R. L. Gamble, state architect, and the placing of equipment was worked out by Miss Hildegard Kneeland, head of the department of household economics, and Miss Effie May Carp, director of the cafeteria.

The new building, which has been under construction since last fall, is situated directly east of the Nichols gymnasium. It is placed against a clump of trees on the downward slope of the campus so that the view of the building from any approach is very pleasing. It is a two story structure. The main dining room and kitchen are on the first floor.

The large, well arranged kitchen is on the south and is lighted by windows on three sides—south, west, and east. On either side of the kitchen are the offices of the director and assistant director.

Interest centers at present on the cafeteria proper, since the tea room and bakery will not be in operation until some time later in the year. The cafeteria dining room has dimensions of 97 by 30 feet and will seat 250 persons at one time. The alcove effect at either end, the arched windows, and the columns which separate the counter passageway from the dining room itself lend strength and beauty to the room. The floors are of magnetstone composition in tans and browns. The woodwork is finished in ivory throughout. The counter passageway may be approached from the west and east entrances, double service being thus provided along a single counter.

### KINGMAN COUNTY FARMER GETS \$600 FROM A SMALL ORCHARD

No Market Expense—Spraying and Picking Cost \$130

Ed Hauser, a farmer near Nashville, Kingman county, does not live in an orchard section but this fall he made a net income of more than \$600 from a two and one-half acre orchard. The 932 bushels of apples which he picked sold for \$732. The cost of spraying and picking was about \$130. The record was taken from Mr. Hauser's answer to a questionnaire on orchard spraying sent out by L. C. Williams, extension horticulturist at the Kansas State Agricultural college.

Mr. Hauser's orchard is on black bottom land. Among the varieties of apples are Gano, Winesap, Grimes Golden, Ben Davis, and Maiden Blush. He gave the orchard five sprays. He had no expense in marketing his apples as buyers came to the farm for them.

## CARE WILL SAVE FUEL

### SLOW, STEADY FIRE ECONOMICAL IN STOVE, FURNACE

American Homes Keep Rooms at High Temperature—68 Degrees for Living Rooms Preferable—Dry Air Unhealthful

Methods of firing the furnace or stove are important in effecting fuel economy. By the observance of a few simple principles a considerable saving in the winter's fuel bill is easily accomplished.

The temperature found to be the most comfortable and most healthful is 68 degrees F. for living rooms and 60 degrees for other rooms. American homes as a rule keep more rooms heated and keep them at a higher temperature than is common in foreign countries.

### REGULAR FIRING BEST

Firing should be at regular and frequent intervals, with the fuel burning slowly. Keep the fire burning evenly all over the grate and keep the ash pit clean. Ashes below the grate interfere with the draft and may result in warping the grate. A layer of ashes under the active fuel bed prevents fuel from burning too rapidly in mild weather. In cold weather the fire pot should be well filled with fuel.

The air should be kept humid, because dry air causes rapid evaporation of moisture from the bodies of the occupants and produces a feeling of coldness. Dry air also cracks the furniture and woodwork.

### HOW TO BANK FIRE

Chimneys should extend at least two feet above the highest point of the house and should be straight. In banking a fire heap the coal just in front of the fire door, and do not cover the entire fuel bed. Wetting coal decreases fuel economy. Calculations indicate that for every ten per cent of moisture in the coal, one per cent of the heating value is lost.

In burning soft coal more air is required for combustion. When soft coal is first fired gas is driven off from the coal and air must be admitted above the fire in order to burn this gas.

The entire fuel bed should not be covered, as the gases given off may result in an explosion. Heaping the coal in the front of the fuel bed is the best method. This results in coking the coal and causing the gases to be ignited as soon as they are given off, thus lessening the danger from explosions and utilizing the heating value of the gases.

### KEEP FREE FROM CLINKERS

The fuel bed should be kept free from clinkers, as clinkers reduce the intensity of the draft, but the fuel bed should be poked as little as possible. Smaller sized coal usually will be found to be more economical than large lump coal.

Semianthracite and anthracite coals give off little gas and do not require as much air admitted above the fuel bed as do soft coals. Hard coal requires a stronger draft, therefore the grate should be kept free from ash. It is better to keep the grate clean by shaking than by poking the fuel bed from the fire door.

### WARM DRINKING WATER IS BEST FOR COWS IN WINTER

Heaters Which Burn Coal, Wood, or Corncoals Used

Although people drink large quantities of ice water in summer they do not like it in cold weather. But the only ice water that dairy cows get is in winter, and they like it then as little as do human beings, according to C. R. Gearhart, extension dairyman at the Kansas State Agricultural college.

Cows producing milk require large quantities of water. They will diminish their milk flow rather than drink cold water so often furnished them.

Water which is stored in tanks in winter should be warmed with a tank heater, says Mr. Gearhart. These are made to burn coal, wood, or corn-

cobs. When only one or two cows are to be watered, a teakettle of boiling water will take the chill off of the half barrel of water necessary for them.

## "Y" EXTENSION FIELD INCLUDES ALL STATES

Gospel Team Holds Meetings During Absence of Ministers at Various Points in Kansas

The religious extension department of the Kansas State Agricultural college Y. M. C. A. has a greater work before it this year than ever before, according to Dr. A. A. Holtz, secretary of the college "Y." So many calls have been received for the gospel team, which works in connection with this department, that it will be necessary to organize a second team in order to fill all the calls.

The work of the gospel team is to go into a church and hold services in the absence of the minister, or to hold services in a community where there is no church and no pastor. Most of the calls for the gospel team have come from churches which were temporarily without a minister.

The first trip taken this year was Sunday, November 19, when the gospel team went to Wamego and conducted both morning and evening services at the Methodist church. This church has been holding a series of evangelistic sermons. One of the features of the program arranged by the team was a male quartet. Short testimonies were given by the men after which Penn S. Chambers, Quenemo, delivered the sermon.

The gospel team has been asked to conduct services at Junction City, Clay Center, Concordia, Mankato, and Haskell institute. Last year the gospel team and individuals connected with the Y. M. C. A. at Manhattan, held services in 20 churches in the state.

## TEMPERANCE DRINKS TO BE MADE FOR HOLIDAYS

Seasonal Beverages Can Be Easily Prepared by the Economical Housekeeper

"If on my theme I rightly think There are five reasons why men drink,— Good wine, a friend, because I'm dry, Or lest I should be by and by, Or any other reason why."

"Or any other reason why" surely includes Thanksgiving; although in these days of Volsteadism there are a few who refuse to be thankful for any kind of drink whatever, most persons are willing to try some of the numerous appetizing beverages which are easily concocted and a necessary addition to the holiday menu.

Here are recipes for three drinks which can be used along with the turkey and the cranberry sauce.

Golden Cocktail—1 cup sparkling cider or apple juice; ½ cup pineapple juice; 1 egg white; ½ cup orange juice; place all ingredients in a cocktail shaker and shake hard for two minutes. Strain into chilled glasses and serve at once. Makes six cocktails.

Raspberry Lemonade—(8 to 10 glasses)—2 cups boiling water; 2-3 cup sugar; juice 4 lemons; 2 cups cold water; 1 cup raspberry juice; cracked ice; stir sugar into boiling water and boil five minutes. Mash 1 can red raspberries, sprinkle with 1-3 cup sugar and let stand 30 minutes. Squeeze through cheesecloth. Add lemon and raspberry juice to sugar and water and serve in glasses with cracked ice. Currant or loganberry juice may be used instead of raspberry.

Fruitade—1 cup strawberry juice, 1 cup raspberry juice; 1 cup red currant juice; juice 2 or 3 lemons; juice 2 oranges; 1 quart boiling water; 2 cups sugar; ice water; boil sugar and water together for five minutes. Chill and add fruit juices. Dilute with ice water or serve in glasses half full of finely cracked ice.

South Carolina dairymen feed cull sweet potatoes to dairy cows.

## "SMALL TOWN STUFF" IS SLOGAN OF HONOR

Walter Burr, College Professor of Sociology, Lauds Term in Radio Address

"The term, 'small town stuff', spoken first in derision, is taking its place as a slogan of honor," declared Walter Burr, K. S. A. C. professor of sociology in an address broadcasted by the Kansas City Star last Saturday. The next college speaker on the Star series has not been announced.

"American affairs are to a great extent dominated by the people of the small towns," Burr continued. The cities make themselves felt and heard most noticeably but the permanent influence upon our life rests with the towns. This is true in mere point of numbers, which in a representative democracy should be granted some significance. Only 1,500 places in the United States have the right to call themselves cities, whereas more than 75,000 towns have been builded and are maintained by our people.

### FARMER BELONGS TO TOWN

"To many city observers, the small town seems to be a separate and distinct entity in itself. This is not true to fact. The farmer does not live merely in a no-man's-land, in a dangerous position between the lines of action of the city on the one hand and the small town on the other. His life activities center to a large extent in the town. Here are his shipping and passenger station, his supply store, his cream station, his auto repair shop, his bank, and in an increasing number of cases, his church and his school.

"The farm population comprises one-third of the entire population of America. Add to this the residents of the 75,000 towns who serve this farm group and you have more than half the people of our nation. The buying power of this entire group depends upon the net gain from the farm business. Farm interest, then, is the chief interest of the small town center. In New England they properly speak of the farmers of a town because the town limits include the farm land and population of the area. In Canada, in the provinces of Saskatchewan and the Northwest territory, instead of the cumbersome machinery of cities of the third class, townships, and the like, they have the municipality, which incorporates the entire farm area of a given community, with its town center.

### SAME TENDENCY IN U. S.

"In the middle west we do not yet have this natural and convenient political unit, but we are arriving at the same result by the process of public opinion considering the town people and the farm people as living in one community.

"Since 50 per cent of the purchasers of manufactured articles, and of the contributors to our scheme of national finance, are found in the small community, the term 'small town stuff', used at one time in derision by the provincial city man, becomes a slogan of honor. When the buying power of the farm people descends almost to the disappearing point, the period of depression which ensues indicates the significance of small town stuff. The small town retailers cease to order from the city wholesalers; the city wholesalers cancel orders with the jobbers and manufacturers; the factories close down or run on short time; there is widespread unemployment and a revolutionary labor movement. All this, starting with the small town stuff."

The farmer who has good shelters for sows will find it profitable to breed for early litters.

Overcrowding poultry in damp, ill ventilated houses helps to spread tuberculosis.

Kansas ranks fourth among the states in the number of horses.



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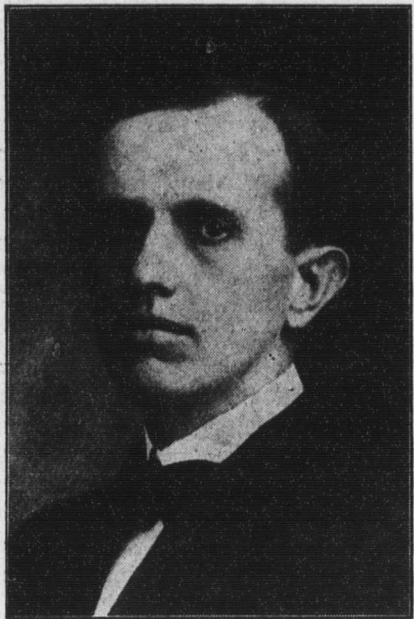
## HEADS STATE TEACHERS

**DEAN HOLTON ELECTED PRESIDENT KANSAS ASSOCIATION**

**Organization of School Men and Women with Membership of 15,000 Honors K. S. A. C. Educator—Connected with College Since 1910**

E. L. Holton, dean of the summer school and head of the department of education in Kansas State Agricultural college, was elected president of the Kansas State Teachers' association at the annual meeting, held in Topeka last Saturday, December 2.

Other officers elected are Frank L.



DEAN EDWIN L. HOLTON

Pinet, Topeka, secretary; W. M. Liston, Neodesha, treasurer; Ira J. Bright of Leavenworth, chairman of the board, and M. G. Kirkpatrick, Belleville, vice chairman. Vice presidents of the association were chosen at the four sectional conventions held last October.

HERE SINCE 1910

Dean Holton, honored by election to the presidency of the association, which has more than 15,000 members, has been a member of the Kansas State Agricultural college faculty since 1910, when he was made professor of education and dean of the summer school. During his administration the department of education has expanded until it now has seven faculty members, and a large student enrolment.

The department has taken on a new importance with the development of Smith-Hughes work—vocational training in rural and county high schools, as well as in city high schools, as this institution is peculiarly well fitted for the training of teachers of vocational subjects.

EDUCATED IN INDIANA

Dean Holton was educated at the Indiana State normal and at the University of Indiana, being granted an A. B. degree by the latter institution. He has studied at Columbia university and at the University of Paris. With the exception of the time spent in study, he has been engaged in educational work since his graduation from the University of Indiana.

He has been principal of the township high schools of Henryville and Lapell, Indiana, and superintendent of schools in Holton, Kan., and Nobelsville, Ind. Before he came to K. S. A. C. he was supervisor of industrial schools in New York City for two years.

SENT TO FRANCE IN 1918

From August, 1918, to May, 1919, he was a deputy commissioner of the American Red Cross in France. He was in charge of the reeducation and rehabilitation of 200,000 disabled United States soldiers and sailors, and held the rank of major in the

United States army. He represented the United States government as a member of the inter-allied commission on the reeducation and rehabilitation of war disabled men.

The French government awarded him a Croix de Guerre as recognition of his services in rehabilitating war wounded. During the summer of 1921 he acted as a member of the commission which made a survey of the rural schools of New York state.

MEMBER OF MANY SOCIETIES

Among the educational societies of which he is a member are the National Educational association, the American Association for the Advancement of Agricultural Teaching; the National Society for Vocational Education; the Society for the Promotion of Engineering Education; the Society of College Teachers of Education; the American Sociological Society; Phi Beta Kappa and Phi Kappa Phi, scholastic societies; Phi Delta Kappa, educational fraternity. He is president of the Kansas Schoolmasters' club, and a member of the Kansas Authors' club.

Dean Holton is active in Manhattan educational and civic work. He is a member of the local board of education, and is president of the Rotary club and a director of the country club.

## DEAN SEATON MEETS GRADS IN THE EAST

**Engineering Alumni in Number of Cities Entertain Head of K. S. A. C. Division**

Engineering alumni living in the eastern United States got contact with the K. S. A. C. of 1922 through Dean R. A. Seaton, '04, and Mrs. Seaton who stopped off in Pittsburgh, Penn., on their way to Washington where he attended the annual meeting of the Association of Land Grant colleges, and in New York City, Schenectady, N. Y., and West Lafayette, Ind., on the return trip. At each of these places as well as at Chicago, their first stopping place, meetings of engineering alumni were held in honor of Dean and Mrs. Seaton. The Chicago meeting was reported in a recent issue of THE INDUSTRIALIST.

The Pittsburgh alumni met at the home of H. H. Fenton, '13, and Jessie (Nichols) Fenton, '12, 730 Johnson, Wilkinsburg. The evening was spent in an informal pep meeting and reminiscence party. Those present were Floyd Work, '21; D. J. Mosshart, '21; Jess Russell, '22; J. E. Beyer, '22; G. L. Garloch, '22; W. C. Marrs, '21; H. E. Woodring, '22; Lester Tubbs, '17, and Madge (Austin) Tubbs, '19; H. D. Matthews, '04, and Mrs. Matthews; E. W. Denman, '12, and Mrs. Denman; "Jimmie" Graham, '13, and Mrs. Graham; Homer Cross, '19, and Verna (Carson) Cross, '19; W. G. James, '13, and Mrs. James; Gordon W. Hamilton, '19, and Mrs. Hamilton; and P. J. Freeman, instructor in applied mechanics 1913-16.

L. B. Bender, '04, and John Scott, '03, were in Washington to attend the Land Grant College association meeting, and met with Dean Seaton for a "do you remember way back when?" conference.

The New York city engineering alumni entertained for Dean Seaton and Mrs. Seaton at the home of Carl Breese, '12, and Mrs. Breese, 523 Second street, Palisades Park, N. J. Those present were Morton Stigers, '21, and Mrs. Stigers; D. G. Blatter, '11; L. L. Bouton, '11; L. A. Ramsey, '06; W. E. Deal, '16; Donald Ross, '07, and Henrietta (Hofer) Ross, '02; Lyman H. Dixon, '88; H. F. Jenkins, '21; O. R. Miller, '18,

(Concluded on page four)

## STADIUM BIDS OPENED

**W. B. STINGLEY TO BUILD DRAIN AND GRADE FIELD**

**Work to Continue Throughout Winter—Three Units of First Section to be Finished Next Spring—Campaign to Alumni Soon**

At a meeting of the Memorial Stadium corporation held Tuesday two contracts were awarded, which assures a continuance of work on the stadium and grounds throughout the winter and spring.

W. B. Stingley, Manhattan, was awarded the contract for construction of the storm sewer and intake. The storm sewer will be about 700 feet long and will cross the football field diagonally from northwest to southeast. It will do away with the unsightly ditch at the north of the present field and will permit the extension of the field and running track to the north. Mr. Stingley agreed to build the intake for \$95 and the storm sewer for \$10.60 per linear foot. Joe McKeeman of Manhattan made a bid of \$205 for the intake and \$12.50 per linear foot for the sewer. The Mead Construction company of Beloit bid \$180 on the intake and \$11.60 per running foot on the storm sewer.

GRADING CONTRACT LET

Walter Stingley was also awarded the contract for the grading of the athletic field. His bid was 42 cents per cubic yard for excavation of earth and \$1.75 per cubic yard for rock excavation. H. C. Haney of Kansas City made a bid of 60 cents per cubic yard for earth excavation and \$1.12 per cubic yard for rock excavation. The Mead Construction company of Beloit made bids of 54 cents and \$2.40 respectively. The engineers estimate that there are 14,549 cubic yards of earth and 1,933 cubic yards of rock to be removed. This amount and proportion bring the cost of the work under the Stingley bid to \$9,800.

The construction work on the stadium itself will soon be suspended for the winter. The forms are now in place for the fifth unit. As soon as this unit is poured, this work will stop until favorable spring weather arrives. The remaining three units of the first section will then be erected and this will finish the present building program on the stadium seating decks.

SECOND TOWER IN SPRING

The stone tower on the south of the first section is nearly complete and the north tower will be erected in the spring. The next construction work on the stadium will be the building of the stone wall at the rear. When this feature is added it will become apparent to all that the K. S. A. C. memorial stadium, when completed, will be one of the handsomest, as well as one of the best stadiums in the entire country.

Stadium funds are coming in slowly at this time as the payments come due chiefly during the months of June, July, and August. The stadium directors are going forward with this work, firm in the belief that the friends of the college will not let the project languish and that the campaign which will be put on in February and March will provide ample funds.

**FIVE KANSAS AGGIES NAMED ON COCHRANE'S ALL-VALLEY TEAMS**

**Hahn and Swartz Among First Choice of K. C. Sport Editor**

The Sunday issue of the Kansas City Journal-Post contained the All Missouri Valley team as selected by E. W. Cochrane, sports editor of the paper. Two Kansas Aggie players are included in his first team—Hahn,

guard, and Swartz, quarterback. On Cochrane's second team the names of three Kansas Aggie men appear—Nichols, tackle; Munn, end; and Stark, halfback.

As to Swartz, the Aggie quarterback, Cochrane says this—"Swartz, the brainy, crafty quarterback of the Kansas Aggies, in the battle with Nebraska, displayed generalship, craftiness, cool headedness and football ability that won him the place. The Aggies completed 21 out of 37 passes, much of this remarkable work being due to Swartz. He passed on the run and his tosses were fast, accurate, and splendidly executed. He ran with the ball many times and when hit by those powerful Huskers he took his punishment gamely and came up smiling. He can kick, pass, and run. His work in every game this year has been of the same high standard. Swartz is little but an ideal quarter, and on a team such as the All-Valley eleven chosen here would be of great value."

"Coach Charles Bachman said of Swartz after the Nebraska game—"If I had been in the game myself, or had been allowed to sit on the sidelines and dictate what each play should be, I would not have called one play any different from those that Swartz called."

This is the second year that Hahn has made the All-Valley. Last year he was given a place on one of Walter Camp's All Western teams. Cochrane says of him—"Ray Hahn of the Kansas Aggies has been an All Valley guard for two years and he deserves the place. Nothing can be required of a guard that he cannot do. Hahn is a power both on offense and defense, a splendidly disposed fellow who can take all sorts of punishment. He is never forced to leave the game."

## MACKENZIE IN RECITAL AT COLLEGE AUDITORIUM

**Native Songs Especially Adapted to Voice of Hawaiian Tenor—Number by Accompanist Pleases**

Tandy MacKenzie, Hawaiian tenor, appeared in recital at the college auditorium, Tuesday night. This number is the second of the artist series.

Mr. MacKenzie has a voice of rare quality. Although it lacks the volume that some artists have, it surpasses many in richness and clearness. The tenor sang with unusual ease and finish and these qualities together with Mr. MacKenzie's very pleasing personality made each number meet with spontaneous and hearty applause.

The program varied from selections from operas to the simple native songs of the singer's homeland, Hawaii. Perhaps the best number was "The Cradle Song" by Kreisler. This song was especially well adapted to the singer's voice. It was only when Tandy MacKenzie sang two numbers in his native language that his audience realized the possibilities of expression and melody in his voice. One of the most difficult numbers was "The Song of Grusia" by Rachmaninoff and Mr. MacKenzie's rendition of this song showed splendid musicianship.

A very attractive number was "Gray Dawn" written by Mr. MacKenzie's accompanist, Powell Weaver. The unusually interesting piano solo by Mr. Weaver added much to the program.

**Mary Polson, '16, an Editor**

Mary Polson, '16, was reelected editor of The Zeta, magazine of Zeta Kappa Psi, national forensic fraternity for women, at the convention, which was held in Cedar Falls, Iowa, November 23-25.

## RUSSIA OWNS ALL LAND

**VISITOR FROM COMMUNISTIC STATE EXPLAINS SYSTEM**

**Farms Are Leased, Practically in Perpetuity, Government Receiving 15 Per Cent of Crops, Dr. N. M. Tulaikov Declares**

All land in Russia is now owned by the state. It is leased to actual farmers practically in perpetuity, the plan differing from ownership chiefly in that the lessee cannot sell or mortgage the property and the land thus cannot pass into the hands of large holders. The soviet government is now supreme over all Russia, and this land system is in universal use.

The system was explained Tuesday by Dr. N. M. Tulaikov, a widely known cereal crop specialist, professor in the University of Saratov, now president of the Russian State Institute of Experimental Agronomy, Petrograd. Accompanied by Dr. D. N. Borodin, a representative of the Russian bureau of applied botany, Doctor Tulaikov visited the Kansas State Agricultural college and experiment station for the purpose of studying the methods in use here.

PAYS 15 PER CENT OF CROP

In payment for use of the land, Doctor Tulaikov stated, the farmer pays approximately 15 per cent of his crops to the government as a tax. This is from one-third to one-half what was paid to the owner in pre-revolutionary days when practically all the land was held by great proprietors. The national government by means of the taxes pays salaries to all teachers, physicians, veterinarians, and other professional men deemed necessary for the public welfare. Local communities levy their own taxes for other local needs, roads being the chief item.

The amount of land which one farmer may operate varies in different parts of the country. The density of population is one of the chief determining factors.

FAMINE DUE TO DROUTH

The famine in Russia, according to Doctor Tulaikov, has been due principally to repeated drouths in heavy producing areas rather than to disturbed conditions. In certain sections drouth occurred, he said, in three successive seasons.

Doctor Tulaikov pointed out that the universities of Russia, as well as the elementary and high schools, are under state control. The president is elected by the faculty, subject to the approval of the minister of education. The president is completely responsible for the operation of the institution. There are certain salary scales, but men of high attainments receive commensurate salaries.

UNIVERSITY TUITION FREE

The University of Saratov, with which Doctor Tulaikov is connected, now has an enrolment of 6,000 students. All tuition in all the universities is free, but students must pay their other expenses.

Stories about the destruction of libraries and art galleries in Russia are characterized by Doctor Tulaikov as without foundation. A number of private libraries, belonging to noblemen who had left the country, were confiscated, he says, but were made a part of the public libraries. The government has also purchased many books. The government library at Petrograd, formerly the imperial library, has now the largest number of books in its history, according to Professor Tulaikov. Similar conditions prevail in art galleries. The present minister of education, Doctor Tulaikov says, is a close student of the arts and is much interested in bringing them to the knowledge of the public.



## DREAM IS TAKING FORM

STADIUM IDEA, BORN IN 1912, NOW PARTLY REALITY

**Waters and Ahearn First Dared Hope for It—Desire for Memorial Lends Impetus—Students, Faculty, Town Give Liberally**

Realization of the memorial stadium idea, and fulfillment of the memorial stadium dream are just around the corner. Indeed, partial realization and fulfillment are here, for four units of the first section stand sentinel at the west of Ahearn field, and the forms are built for the fifth unit. Three more units will be built in the spring.

This first gift to K. S. A. C. came through the generosity of students, faculty, and townspeople. And the other gifts which are coming from the alumni and friends will complete the structure, a memorial to the sacrifices of K. S. A. C. men in the world war.

### IDEA BEGAN IN 1912

The stadium idea first stirred to life when K. S. A. C. entered the Missouri valley conference in 1912. It was cherished by a few men—Dr. H. J. Waters, president of the college then, Mike Ahearn, head coach at that time, and other practical idealists. They dared dream, but after a tentative proposition was met coolly by alumni and friends they realized that the time was not ripe.

Then came the war, and the sacrifices of American young manhood, and of Aggie manhood with the rest. Through three years the memorial idea grew. Finally a committee was appointed by President W. M. Jardine to settle upon a memorial.

### IDEA AND STADIUM MERGE

This committee—Dr. H. H. King, Mike Ahearn, Cliff Stratton, Deans R. A. Seaton, J. T. Willard, Helen B. Thompson, R. R. Dykstra, and Dr. J. V. Cortelyou—met for the first time Dec. 20, 1921. At this meeting the stadium idea and the memorial idea merged into the memorial stadium idea, when Dean Willard made a motion that a stadium be built as a memorial to the K. S. A. C. war dead.

The committee became the memorial stadium committee. P. G. Dalton, Carl Floersch, Judge F. R. Smith, John McClung, and Fred Boone, Manhattan business men, were made members of the committee and helped in planning a three-fold giving by the students, the faculty, and the citizens of Manhattan.

### ALUMNI NOT THEN READY

Before the stadium committee decided to make the appeal to the students, faculty, and Manhattan townspeople, for gifts to a memorial stadium, a general letter had gone out to the alumni, putting the matter squarely up to them. Replies came in by the scores. Some few said, "Go ahead, I'm as able to give now as I ever will be," but the great majority declared themselves too hard hit by the depression of 1920-21 to help build a memorial. They asked that the call be withheld for a year.

But the memorial stadium call was not withheld on the campus and in Manhattan. The giving began Tuesday, April 25, 1922. In the college auditorium the student body gathered. Dr. H. H. King spoke. He spoke tersely but eloquently of the Aggie men who "paid the last full measure of devotion," and of the opportunity now to commemorate forever their deeds. Mike Ahearn forgot his fund of Irish jokes as he explained simply and earnestly how much the stadium is going to mean to K. S. A. C. in every way. Charles Bachman, who has coached the football team through the two most successful seasons it has known, came to the front of the stage and while he paced back and forth like a restless panther his words hurtled forth, flashing through the auditorium, and burning into the students' consciousness the fact that the stadium must be built.

The picked student teams passed

through the crowd, which clamored and grabbed for pledge cards. In another half hour the auditorium was empty. In an hour it was announced that the student subscriptions had passed \$60,000. Within six hours after the opening of the assembly it was known that Aggie students had subscribed \$77,000, and that the members of 65 organizations were 100 per cent for the stadium.

The faculty had a meeting of its own. Various speakers stated different phases of the stadium situation. A subscription plan based on a proportion of the annual salary, the proportion increasing with the larger salaries, was adopted unanimously. The faculty pledges amounted to \$33,400—a 30 per cent over-subscription of what the members assessed themselves.

### TOWN GIVES \$48,419

Chamber of commerce teams took charge of the giving in Manhattan. A total of \$48,419 was pledged to the stadium by the people of the town.

The memorial stadium corporation was organized to handle the financial and contractual part of the stadium building, as soon as the giving was finished. The directors of the corporation are Dr. H. H. King, Prof. M. F. Ahearn, Dean R. A. Seaton, Dr. J. V. Cortelyou, H. W. Brewer, J. W. Berry, C. E. Floersch, Dean J. T. Willard, and Clarence Johnson. Doctor King is president; Clarence Johnson is vice-president; Doctor Cortelyou secretary; and C. E. Floersch treasurer.

The corporation entered into contract with Walter B. Stingley of Manhattan early in June, 1922, for the building of the seating decks of the west one-third of the stadium planned. Three of the eight units of this section were completed and were used to seat spectators at the Homecoming game October 28. A fourth was finished before cold weather stopped the pouring of concrete, and the remaining four will be erected in the spring of 1923.

### Huston Back Next Year?

Dewey Huston, F. S., former Aggie football star, is teaching geometry and manual training in the Lebanon high school. He is also coaching the football team, which has had a successful season. Mr. Huston writes that he plans to complete his course next year.

### A '22 Rejoices

Marian Brookover, '22, Ellsworth—"I was back for homecoming and when I looked at our stadium I was glad I had made my pledge last year and did my bit toward its erection and for our alma mater."

### Christensen, '00, Honored

F. W. Christensen, '00, has been elected president of the North Dakota Agricultural college chapter of Phi Kappa Phi, honorary scholarship society.

Federal aid roads placed under construction in September amounted to 1,189 miles.

## Aggie Memorial Stadium—Dream Soon To Be Realized



## ALUMNI GETTING READY

KICK-OFF ON MEMORIAL STADIUM GAME EARLY IN FEBRUARY

**After Year's Notice Requested by Majority, Preparation for Big Campaign Begins to Shape Itself—Organize Down to Grass Roots**

K. S. A. C. alumni, after the year's notice the majority requested, are preparing for the kick-off in the memorial stadium game. The starting signal will come early in February. Time will be called when the fund is complete.

Preparation for the memorial stadium campaign means organization of alumni—organization down to the grass roots. That is what the loyal graduates and former students in communities throughout Kansas are striving for this month. Directions for organization along lines that will be most efficacious for promoting the stadium campaign, and that will at the same time build a healthy alumni organization ready for continual service and benefit in each community where there are Aggie alumni have been sent out from alumni headquarters to each individual whose name is in the files of the association.

### FOUR COUNTIES AT WORK

Four Kansas counties, Sedgwick, Reno, Shawnee, and Wyandotte, have developed alumni organizations that are actually at work, and a fifth, McPherson county, will organize at a meeting to be held December 15. Kansas City, Mo., is working with Wyandotte county.

J. H. Anderson, '12; C. A. Patterson, '14, Ary (Johnson) Butterfield, '98; Dr. D. E. Bassler, '07; Walter Smith, '15; Mrs. C. H. Kirschner, F. S.; Bertha (Bacheller) Foster, '88; Dr. H. J. Waters, former president of K. S. A. C.; Fred H. Meyer, '97; Helen (Westgate) Lewis, '07; Dr. A. T. Kinsley, '99; are the members of the stadium committee in Greater Kansas City.

### ASSOCIATION MEMBERS FIRST

The Reno county committee consists of Harry L. Smith, '12; Willis N. Kelly, '12; Guy C. Rexroad, '09; A. H. Montfers, '13; E. H. Teagarden, '20; C. H. Meyers, '20; Harold T. English, '14.

The committees and the officers of the associations already organized have taken as their first task the recruiting of active memberships in the general alumni association as a means of quickening interest in and loyalty to K. S. A. C. A good membership is essential to the carrying on of the stadium campaign, for it is through the organized alumni that other alumni and friends of the college must be reached.

### STUDENTS OF ARCHITECTURE COMPETE FOR SEVEN PRIZES

Indicates High Place Department Holds in Profession

The department of architecture of K. S. A. C. has announced that seven annual prizes will be awarded to students of the department for especially

good work. The prizes in most cases are based on either the interest taken in the work, the ability of the student, or both. The offering of the cups and prize money not only shows that the work of the department is being recognized, but also indicates the recognized value on the part of those familiar with architectural education of the impetus given to students by the recognition of their efforts.

The prize offered are as follows:

1. Kansas Society of Architects' prize: A prize of \$20 to be awarded by the Kansas Society of Architects to the senior presenting the best solution of a designated problem in design.
2. Faculty of the department of architecture prize: A prize to be awarded by the faculty of the department of architecture, of architectural books to the value of \$25 at commencement to the senior who has shown the greatest general merit throughout his junior and senior years. To be eligible for this prize, a student must have been in residence consecutively during his junior and senior years. The awarding of the prize will be based on the following percentages: grades in the courses in design, 50 per cent; other grades, 25 per cent; grades in personality, 25 per cent.
3. Ramey prize: A prize of \$25 donated by Ramey brothers of Manhattan, to be awarded for the best set of working drawings for a small house executed in the course in building materials and construction.
4. Stanley Smith prize: a silver loving cup donated by Prof. S. A. Smith of Fargo, North Dakota, to be awarded to the junior presenting the best solution of a designated problem in design.
5. Alpha Chi fraternity prize: a prize of \$10 donated by the Alpha Chi fraternity to be awarded to the sophomore presenting the best solution of a designated design problem.
6. Senior prize: a prize of \$5 donated by the senior class to be awarded to the freshman presenting the best solution of a designated problem in architectural drawing.
7. Lorentz Schmidt prize: A prize of \$25 donated by Lorenz Schmidt, architect, of Wichita, awarded to the senior student in the department of architecture of either the Kansas State Agricultural college or the University of Kansas for the best presentation of a designated problem in architectural lettering.

### Putnam Most Thoughtful Alumnus

The month's award for the most thoughtful alumnus goes to G. W. Putnam, '16, who writes from East Lansing, Mich.

"Thought the association might be short on things to be thankful for, so I am sending in my five-case note," says Putnam. "Just returned from an unsuccessful deer hunt in the upper peninsula. O. E. Reed was in camp about 60 miles from our camp and was lucky enough to get a bear."

"F. K. Hansen, '19, is located at Marquette. He seems to be getting acclimated and going good. We have quite an aggregation from the old school here now including C. R. Johnson, '20, "Shorty" Hoffman, '17, C. C. Dethloff, '21, and N. Pearson, '16."

"There are enough of us so that when any Missouri, Oklahoma, or Nebraska alumnus gets a loyal streak when his alma mater is playing the Wildcats we manage to get him covered. Incidentally, the scores look good this year."

## TRIBUTE TO WAR DEAD

WAR MEMORIALS ARE BEING BUILT BY 27 INSTITUTIONS

**Total to Be Given By Graduates of American Colleges and Universities \$118,760,800—Nebraska, Oklahoma, K. U., K. S. A. C. at Work**

Twenty-seven American colleges and universities are now building war memorials, and others are making campaigns for funds which bring the total to be given by graduates and friends of these institutions to \$118,760,800. This information was secured by the Ohio State University Alumni association which is now raising \$300,000 for a war memorial auditorium. One hundred colleges report the amount actually raised to date in their campaigns as \$89,796,525.

Nearly every endowed institution in the United States has embarked upon a campaign for funds, the only three exceptions among the larger of the privately supported colleges being Reed college, Portland, Ore.; Rice institute, Houston, Tex.; and Drake university, Des Moines, Iowa. The trend of these campaigns may be illustrated by Kansas examples—Washburn's successful \$800,000 endowment campaign; College of Emporia's Million Movement for erection of new buildings, and creation of an endowment fund; Baker's campaign for \$2,000,000, building and endowment fund, soon to open.

### STATE SCHOOL GRADS GIVE

The great state institutions have not lagged behind. Alumni of these colleges and universities are awakening to the sense of responsibility to their "college mothers" which formerly was accepted only by graduates of endowed schools. Graduates of state supported colleges are giving liberally for memorials.

In the Missouri Valley conference Nebraska and Oklahoma, as well as K. S. A. C., are asking alumni and friends for subscription to memorial stadium funds; Kansas university has practically completed a campaign for \$1,000,000 to be used in building a memorial stadium and a memorial union; Ames and Missouri are taking gifts for memorial union buildings.

### WHAT OTHERS ARE DOING

The following table gives in tabloid form a record of memorial projects undertaken by other colleges and universities of the middle west:

Ames, \$1,000,000, Union
Kansas U., \$1,000,000, Stadium and Union
Nebraska, \$430,000, Stadium
Iowa, \$1,000,000, Union
Missouri, 500,000, Union
Oklahoma, \$500,000, Stadium
K. S. A. C., \$500,000, Stadium
Indiana, \$1,000,000, Stadium and Union
Illinois, \$2,000,000, Stadium
Minnesota, \$2,000,000, Stadium and Auditorium
Wisconsin, \$1,000,000, Union
South Dakota, \$200,000 Alumni Building
Ohio, \$1,000,000, Stadium

### PLANS COMPLETED FOR SEED HOUSE ON AGRONOMY FARM

Construction of New Building To Start Soon

Plans designed by W. G. Ward, extension architect, and Prof. L. E. Call, head of the agronomy department, have been completed for a new seed house on the agronomy farm. It is to be a two story building, 30 by 60 feet. Construction of the building will start soon.

The first floor will contain five bins for storing pure seed from the farm, a space for cleaning machinery, an office and work room, and a fire proof vault for valuable seed samples.

Space will be provided on the second floor for storing seed, which has been cleaned and is waiting shipment. The roof trusses are designed to carry heavy loads, and they will be used to hang seed corn on from variety test on the agronomy farm.

The most successful dairymen raise most of their cows.

Lime will add to the productivity of many Kansas pastures.



## AMONG THE ALUMNI

F. S. Campbell, '19, is now located at Mills, Wyo.

W. H. Koenig, '22 is located at 4628 Malden street, Chicago.

L. V. Fickel, '14, is now living at 406 South Penn, Denver, Col.

Fern (Roderick) Osterhout, '17, has moved from Crete, Nebr., to Concordia.

Roy Williams, '22, checks in from Stanford, Tex., for an active membership.

Elvira McKee, '14, is now located at the Sam Houston normal, Huntsville, Tex.

Florence Mirick, '20, asks that her INDUSTRIALIST be sent to Chapman instead of to Halstead.

Catherine Justin, '12, has moved from Fort Worth, Tex., to 4829 Gurley avenue, Dallas, Tex.

Ola (Bowman) Raymond, '11, is now dietitian in the United States Marine hospital at Memphis, Tenn.

C. A. Wallerstedt, '17, 1042 Walnut street, Allentown, Pa., has signed up for another hitch in the alumni association.

Bella M. Nelson, '18, checks in from Topeka, commenting that she was "delighted to hear the K. U.—Aggie score."

Albert E. Blair, '99, has moved from 516 Boissevain avenue, Norfolk, Va., to 1015 Scott street, Little Rock, Ark.

Margaret Crumbaker, '19, Soldier, wishes for great success for the stadium. She is teaching in the high school at Soldier this year.

O. A. Hindman, '18, has moved from 6108 1/2 Santa Monica boulevard, Los Angeles, Cal. to 42 Jackson street, Culver City, Cal.

Ada Robertson, '20, is in charge of the cafeteria at the University of Wyoming, and Olivet Mitsch, F. S., is teaching public school music there.

Lyman H. Dixon, '88, registers an emphatic announcement that his address is 101 Park avenue, New York City, instead of 2 West Forty-seventh street.

Helen H. Halm, '08, asks that her INDUSTRIALIST be sent to 1419 Malvern street, Los Angeles, Cal., instead of to the University of Arizona, Tucson, Ariz.

Christine (Ferguson) Hilworth, '10, writes that she has moved from 801 S. Stanton St., El Paso, Tex., to The Pears, San Jose Road, Box 523, R. F. D. 1, El Paso.

Victor I. Sautt, '94, has moved from Madison, Sask., Canada, to Prince Albert, Sask., Canada. He is teaching manual training in the Prince Albert college.

R. D. Bushong, '21, and his father, P. M. Bushong, have purchased a dairy business near Manhattan and have entered the business with a herd of grade Holsteins.

Nelle Flinn, '16, has accepted a position as teacher of domestic art at the State Teachers' college, Warrensburg, Mo. She begins her duties as teacher, December 2.

Tom Blackburn, F. S., was a campus visitor last week. He is in the advertising agency business with the Charles F. W. Nichols Co., 20 East Jackson street, Chicago, Ill.

T. M. Robertson, '97, checks in from Coffeyville. The alumni secretary is miffed at Robertson's implication that he is a night worker in the spelling of his first name "Owley."

Karl B. Musser, '12, and Madge (Rowley) Musser, '13, have moved from Rochester, N. Y., to Peterboro, N. H. He is still doing field work for the American Guernsey association.

H. D. Matthews, '04, is now connected with the engineering depart-

ment of the Westinghouse Manufacturing and Electric company, East Pittsburgh, Pa. He reports a good alumni organization in that vicinity.

William H. Brooks, '20, writes from Modesto, Cal., that he is assistant farm advisor there. Ruth (Edgerton) Brooks, '12, is no longer engaged in extension work. Hope (Palmer) Baxter, '10, is home demonstration agent at Modesto.

Miss Effie May Carp, '14, director of the college cafeteria, has been offered a position on the summer faculty at the University of Chicago. Miss Carp would teach institutional work and would work with Miss Colburn, with whom she took her degree.

Miss Bess McKittrick, M. S. '22, who taught in K. S. A. C. last year, was visiting at the college this week. She is now head of the department of home economics in the University of Wyoming. She is on her way back from the conference of land grant colleges at Washington, D. C.

Prof. Walter Burr visited with Charles Shaw, F. S., and Mrs. Shaw at their home in New York City recently. Shaw, after leaving K.S.A.C. entered Columbia university and was graduated there. He is now employed by the Standard Oil company of New Jersey in the personnel department.

"After forty years of residence in Manhattan, I have taken the leap from Kansas to California," writes Clara F. Castle, '94, from Holtville, Cal. She is living with C. L. Shaw, '11, and Alice (True) Shaw, '12. She reports a call from "Jimmie" Brock, '08, Marie (LaCrone) Brock, F. S., "Stub" Connor, '09, and Amanda (Kittell) Connor, '09, and extends an invitation to other Aggies to call when they are in her vicinity.

J. A. Correll, '03, and Ella (Criss) Correll, '04, send in their questionnaires, assigning as a reason for the belated return the fact that they took a long automobile trip last summer and have been extremely busy since then. They and their four daughters left their home, Austin, Tex., in June, and returned September 18. They stopped in Manhattan for a time, and also visited in Colorado and California.

### 'OIL SAND' IN STONE QUARRY PROVES DISAPPOINTMENT

College Geology Specialist Dispels Illusion

Recently the remnants of a pleistocene mastodon were found in Manhattan. The rage for discovering things spread, and, almost at the same time, a perfectly innocent stone quarry near the city, from which material for the addition to the new agricultural hall was being taken, was accused of having-oil in it.

Specialists were rushed instantly to the scene, and discovered, much to the disappointment of the pioneers, that the sand which had been suspected of having oil, had nothing even faintly resembling it—not even water.

The sand had been deposited in layers, giving evidence that the current of a stream had at one time or other left it there. These stripes were a very deep yellow, or clay color, and thus gave the illusion of oil.

A. B. Sperry, college geologist, explained that the sand had not been deposited long enough for oil to form, and gave three requirements for ground that shall contain oil:

1. The sediment must originally have had in it a large amount of organic material, not entirely decomposed.

2. The oil deposit must be covered with a layer of some substance impervious to oil, so that it will not leak away.

3. Conditions and strata of the ground have to be such that the oil will become concentrated or collected.

## LOOKING AROUND

OLEY WEAVER, '11

The completion of the memorial stadium has been checked up squarely to the alumni of K. S. A. C. Students, faculty, and Manhattan citizens have contributed funds for nearly a third of its estimated cost; the remainder is to come through alumni contributions and alumni effort. The goal is within easy reach if each alumnus will make stadium building his own project.

The burden of success rests on the alumni office, yet may be shifted readily. The whole alumni, not one office or group, must work if the task is not to be overwhelming to the few.

Deliberately, the project was passed on to the alumni. Deliberately, the responsibility was assumed by the executive secretary's office for the alumni association—an association in which every person graduated from K. S. A. C. holds membership.

At first thought the work may have disagreeable features. Continued contemplation, however, generates enthusiasm. There are no excuses for not building the stadium—reasons for pushing the job to a successful end are overwhelming.

And it affords that opportunity every alumnus has sought at some time, to do something really big for his alma mater. This office, assisted and advised by all who catch the spirit of the work, is attempting to recreate that desire in the hearts which have permitted it to wane and combine it with the desire uppermost in the hearts of the whole alumni body, for simultaneous action.

All alumni who have been desirous of exploiting certain projects kept constantly in mind, are submerging them for this larger conception—the stadium. It is a commonly accepted thought that every alumnus has certain moral obligations to the entire alumni body, and that he who willfully neglects them forfeits his right to the consideration of his fellows. There is something of altruism, then, in the motives of those who selfishly might have insisted on first attention to their pet projects, but who now desire first to fulfill the wish of the majority. Their own projects are secondary.

So the memorial stadium is building as a tribute to the memory of men who gave everything that our nation might live. That incentive alone is intensifying patriotism and college loyalty. The thoughtful contributor is tending to greater liberality as he develops the stadium idea for himself. He finds it not only a fitting memorial but a practical solution of many college problems.

Upon the enthusiasm with which every alumnus assumes his share in this great enterprise, depends the rapidity of its completion. Each one that evades his responsibility doubles the task of another who is engaged in building this monument to those who did not dodge.

In the words of that highly necessary official, the Wildcat yell leader, as the team trots on the field: "Everybody up. Let's go!"

### "Speck" Oliver, '20, Has Champion Team

Glenn W. ("Speck") Oliver, '20, was a visitor at the alumni office during the Thanksgiving vacation. Oliver, who played half back on the -1916 Wildcat team which tied for the conference championship, is teaching vocational agriculture and coaching

in the Cameron, Mo., high school. He had a most successful season, turning out a team that won eleven straight games and was not beaten, finishing the season by defeating Liberty high school for the northwest Missouri championship Thanksgiving day.

Oliver's team defeated the St. Joseph Central high school team, coached by Stankowski and Packwood, former Missouri U. quarterbacks, and also defeated a high school team of which Bill Collins, another Tiger star, was the mentor. They scored 370 points to their opponents' 54 during the season. Their record is considered all the more remarkable on account of the fact that Oliver had but two veterans, a tackle and an end, to work with, developing the remainder of the eleven from "green" material.

"Speck" possesses a story concerning "Jack" Frost, '20, Aggie pole vaulter and high jumper, which he will tell if properly urged.

The tale goes that Frost, a senior in the law school at Columbia university, stopped in Cameron last fall on his way to New York. Oliver took him to the high school principal's office. While the three were talking one of the women instructors came into the office. Frost was introduced to her.

"And will you be in my history class this year?" the high school instructor asked the youthful appearing Jack.

## STATE DEANS OF WOMEN MEET HERE THIS WEEK

Thirty-eight Delegates Expected at Eighth Annual Gathering at K. S. A. C. Thursday, Friday, Saturday

The eighth state conference, Kansas Association of Deans of Women and Advisers of Girls, will be held at this college December 6, 7, and 8. There are 18 deans in colleges and 20 advisors in high schools in this state. The officers of this association are president, Mrs. Mary Pierce Van Zile, K. S. A. C. dean of women; first vice president, Mrs. Albert E. Kirk, Southwestern college, Winfield; second vice president, Miss Kate L. Riggs, high school, Lawrence; secretary-treasurer, Miss Ella E. Bernstorf, Friends university, Wichita.

The program will open Thursday afternoon at 3:30 with registration and roll call in home economics rest room. The conference will continue until Saturday noon. The members of the conference will be guests of the Y. W. C. A. at Aggie Pop, Friday evening.

## DEBATE SQUADS ARE REDUCED, OPENING CONTESTS JAN. 13-15

K. S. A. C. to Meet Ames and Emporia Next Month

The students who will represent the Kansas State Agricultural college in debate this semester are hard at work in preparation for the debates which will take place January 13 and 15. Prof. H. E. Rosson, debate coach, has reduced the squads that were selected earlier in the semester.

The girls' squad now includes Helen Correll, Mary Betz, Ruth Bachelder, Roxie Meyer, Jessie Newcombe, Phyllis Burtis, Leonora Doll, Lenore Berry, and Edith Nonken. Members of the men's squad are Christian Rugh, H. L. Burnett, J. D. Sumner, W. E. McKibben, O. M. Williamson, Ralph W. Sherman, C. R. Ryan, and E. W. Merrill.

The men's teams will meet Iowa State college in dual debate January 13, and the girls' teams will meet Kansas State Normal January 15. The K. S. A. C. affirmative teams will meet the opponents' negative teams here; while the K. S. A. C. negative teams will journey to Ames and Emporia.

R. F. White, '21, is teaching agriculture and botany in the Montgomery county high school, Independence.

## VETERINARIANS OF '23 PLACE CORNER STONE

Historical Material Deposited in Copper Box Fixed in Foundation of New Structure

Members of the 1923 graduating class in veterinary medicine recently placed in position a class stone at the southeast corner of the foundation of the new veterinary clinics building now in course of construction. A small copper box containing a number of articles pertaining to the activities of the veterinary division of K. S. A. C. was inserted in an opening in the stone. On the outside of the stone was engraved, "Veterinary—Class 1923."

The 20 seniors in this year's veterinary class are James F. Adey, Russell A. Beaver, James A. Black, Carl A. Brandley, Frank W. Crawford, Kent R. Dudley, Fred E. Emery, Timothy J. Foley, William D. Foss, Lloyd George Grandfield, John A. Howarth, Frank W. Ketchum, Glen Kirkwood, E. Hamlet Larson, Elden E. Leaseure, Ching Cheng Lo, Andrew McKee, Dorsey A. Sanders, Rush Urban Taylor, and Donald A. Randall.

The material which was placed in the class stone:

Catalogue of the Kansas State Agricultural college, fifty-ninth session 1921-'22.

Descriptive announcements of the curriculum in veterinary medicine for 1917-'18, 1918-'19, 1919-'20, 1920-'21, and 1921-'22.

"A Book of Pictures" published by the illustrations department, K. S. A. C.

THE KANSAS INDUSTRIALIST, May 10, 1922, giving a list of contributions to the memorial stadium fund by college faculty, students, and employees.

THE KANSAS INDUSTRIALIST, June 1, 1922, giving a list of contributions to the memorial stadium fund by citizens of Manhattan.

THE KANSAS INDUSTRIALIST, October 4, 1922, giving picture of the new veterinary hospital.

Photograph of a drawing of the new veterinary hospital.

The first issue of the veterinary alumni news letter.

List of students enrolled in the division of veterinary medicine, K. S. A. C. first semester, 1922-1923.

List of graduates in veterinary medicine.

Labels for glass bottles which contain the products of the vaccine laboratories sales department.

Mimeographed bulletins on the "Prevention of Blackleg in Cattle" and "Hog Cholera and its Prevention."

Carbon copy of letter from Miss Jessie McDowell Machir, college registrar, to American Journal of Veterinary Medicine.

Program of Farm and Home Week, February 6 to 11, 1922, and first annual veterinary conference.

Booklet used in soliciting for the appropriation for the new hospital. Invitation and program to the annual banquet of the Veterinary Medical association, K. S. A. C., May 11, 1922 at Hotel Gillett.

Photographs of the first annual veterinary conference, February 6 to 11, 1922; of President W. M. Jardine, of Dean R. R. Dykstra, of members of the veterinary faculty and students, and of the senior class group of 1922-1923.

## Copple, '21, Almost Happy

"As a matter of information," writes Robert F. Copple, '21, from Albuquerque, N. M., "I am still in the forest service and glad of it. I was married last June and also glad of it." The only thing lacking to make Copple perfectly contented, it seems, is a copy of THE INDUSTRIALIST. Please write if you don't get this one, R. F.

## Sedgwick County Meeting Dec. 9

Wichita and Sedgwick county alumni will meet at the Hotel Lassen for a dinner and an organization meeting on the evening of Saturday, December 9. George Hewey, '21, is in charge of the meeting. He expects a good attendance and guarantees large quantities of "pep."

## Chicago Alumni Entertain

The members of the student judging team which competed in the contests at the International Livestock show in Chicago, and the faculty members and other Aggies who attended the show are to be guests of the Chicago Alumni association at the annual banquet Wednesday evening, December 6.



## THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, DECEMBER 6, 1922

### COOPERATION AND THE SCHOOL

"This reminds me of the good times we used to have evenings in the country school," was a remark heard a few days ago at a club program before a gathering of town men. Doubtless the program brought up similar memories to many men who did not express them.

For generations the school has been a center of American community life. It is a natural gathering place. The community, rural or town, that does not use its school in the evening as well as the day time is missing something fine in community life.

More elaborate programs are often given nowadays than could have been presented 20 or even 10 years ago. There is more modern equipment, there is a larger proportion of well educated persons, there are in many places consolidated schools which offer much more extensive facilities than are available in the old-fashioned schoolhouse.

The function of the community gatherings in the schoolhouses, however, is the same as ever. Aside from what they offer of intrinsic worth, they serve the much more important purpose of bringing the people of the community together in friendly association. Cooperation in pleasure is a step toward cooperation in business, which is of tremendous importance to present-day farming, and indeed to all present-day industry. When the history of cooperation in American agriculture is finally written, it will give an important place to the country schoolhouse, where lessons were learned not by the pupils alone but by the older folk as well, and where impetus was given toward the realization of the common interests of all country dwellers.

### CORN TASSELS

J. H.

A joke is a joke until it happens to be on you, then it is a blamed insult, snaps the Sedgwick Pantagraph.

Whenever a bunch of young girls calls upon us it is only natural that we feel flattered, confesses the modest editor of the Marysville Advocate-Democrat.

"There was no use coining the two words 'marital' and 'martial,'" comments the Clay Center Times, wisely. "The second word would have answered for both."

What makes it so hard for this country to get back to normalcy, declares the Concordia Kansan, is the fact that we suffered an expensive war and the silk shirt craze at the same time.

The old fashioned girl who used to say, "I'll go ask Pa," is now married and has a daughter who says,

"Shoot the juice to her, Charley, the old man is gaining on us."—Hardy Herald.

"This is my car," exploded the irate tourist to the garage man, "and what I say about it goes—see?"

Just then a dirty faced mechanic crawled out from under the dead machine and said pleadingly, "Say 'engine,' mister!"—Minneapolis Better Way.

"An informal picture of King Alexander of Jugo-Slavia shows that royalty isn't much to look at when not kingly or something," remarks the feminine editor of the Washington Palladium. "Especially we don't like his hat." Now isn't that just like a woman?

This is a splendid time for the sultan of Turkey to abscond, leaving his wives behind, observes the Western Advocate. It is nearing the Christmas shopping season.

### A QUARTER CENTURY AGO

Items from The Industrialist, December 6, 1897

Prof. Helen Campbell has been a victim of the grip during the past week, but is now reported as convalescing.

The Republic News of last week publishes a very flattering discussion of THE INDUSTRIALIST article on "Entering College" by Dr. Mary F. Winston.

The mechanical department has just finished three new book cases—one for the drawing department and two for the new domestic science hall.

The lecture which Prof. J. D. Walters was to give at Riley last Friday, was postponed one week, on account of bad weather and impassable roads.

Among the non-resident alumni who attended the Alpha Beta exhibition last Saturday we noticed Ed Shellenbaum, '97, Homer Robinson, '97, and Max Spaulding, '96.

The first number of the MONTHLY INDUSTRIALIST will contain a brief historic sketch of the WEEKLY INDUSTRIALIST, by the senior member of the faculty, Prof. J. D. Walters.

Captain Albert Todd, U. S. artillery, informs us that THE INDUSTRIALIST will find him at St. Augustine, Fla. Captain Todd was the military instructor at this college, early in the eighties.

During the illness of Mrs. Helen Campbell this week, the classes in domestic science were in charge of her efficient assistant, Miss Charlotte J. Short. The girls in her care report a profitable and delightful time.

The agricultural college has been experimenting upon the virtues of Kaffir corn, and has found that for fattening stock the Kaffir corn ranks next to Indian corn. Kaffir corn thrives in the dry portions of Kansas, and is destined to become one of the leading crops of the state.—Torch of Liberty.

The committee who are to reassign the classrooms of the main building to the teachers of the winter term courses, are in the awful predicament of the old Jew who was asked simultaneously to bake five fishes in three pans so that each pan would contain but one fish. There were too many fishes and not enough pans.

President George M. Herrick, president of Washburn college, accompanied by the Rev. R. M. Tunnell of this city, visited the college today. President T. E. Will escorted them through the different buildings and departments. President Herrick was especially interested in the shops and the new domestic science building.

S. N. Chaffee, '91, principal of the Riley schools, gave a Thanksgiving party to his pupils, which was a grand success. The evening was passed in games and music and a delightful supper was served at the proper time. A good time is reported by all and it is said that the pupils

wouldn't care if Thanksgiving came every month.

It is definitely settled that there will be a short dairy course given by the departments of agriculture and veterinary science this winter. All the details have been agreed upon. There will be lectures and practical instruction in dairying, feeds and feeding, breeds and breeding, butter-making, elementary agriculture, and bacteriology. For additional information write to President T. E. Will. There ought to be a large attendance.

The entomological department is busy preparing a bulletin on fruit culture. Some time since, a circular letter was sent to fruit growers and farmers asking for information concerning insect pests and devices for their extermination, spraying, rabbit traps, etc. The answers received

weekly Students' Herald. THE MONTHLY INDUSTRIALIST will contain from 64 to 80 pages of printed matter, exclusive of plates, advertisements, and the colored cover. The subscription price will be \$1 per year of 10 issues. To alumni and actual students will be accorded a reduction of 50 per cent. Notwithstanding the increase of the subscription price, THE MONTHLY INDUSTRIALIST will be sent to all present subscribers without additional payment, until the expiration of their present term of subscription.

By continuous selection for 20 years, the Illinois agricultural experiment station has produced two strains of corn, one of which bears its ears less than one foot from the ground and the other, over eight feet from the ground.

## Memorial Stadium: Finer Loyalty

Dr. W. M. Jarzine

The movement for the building of a memorial stadium by K. S. A. C. alumni, students, faculty, and friends is entering upon its second phase—the giving of alumni and friends outside Manhattan.

The stadium was chosen as a memorial by a representative committee of alumni and faculty because of its appropriateness. One can not imagine a memorial which would be more acceptable to the war dead of K. S. A. C., were they able to express a preference. The stadium will keep green the memory of their valor and devotion. They will be commemorated in a structure of beauty brimming with fresh, young life such as theirs was.

The stadium is more than a huge grandstand for spectators at football games, track meets, and baseball games. It is an arena in which to stage pageants, the May fete, and military reviews. It is a site for the Ag. fair. It is athletic headquarters for the college, for in the space under the seating decks are to be rooms for many forms of athletic activity.

The stadium is sorely needed. None conversant with the situation will gainsay the statement that it is needed to seat the crowds attending our football games, and to make possible more and better physical education.

The legislature of Kansas has difficulty to find funds to care for the normal growth of K. S. A. C. and other state institutions—to provide for the youth of the state who come for the education offered here to all.

Now alumni and friends are coming with a gift to their school. I see in this the beginning of a finer loyalty to K. S. A. C. and I commend the project most heartily to our alumni and to Kansas citizens disposed to help in the development of their agricultural college.

were generally well filled, and indicated the interest which the farmers take in the work of the department and in horticultural matters generally. The bulletin will treat some of the collected matter, and will give the results of experiments with insect pests, rabbit exterminators, etc., made at the college. Probably it will be published early in January.

With this number, THE INDUSTRIALIST ceases to appear as a weekly. The next number will appear in the form of a monthly magazine, and will be dated January, 1898. The change had been discussed for several years, and the reasons were multiplying. About two months ago the faculty took definite action, fixing the date of the new MONTHLY INDUSTRIALIST as above. The reasons are briefly the following: (1) The college needs an organ of a capacity that will permit the publishing of more extended articles and reviews, an organ that will permit the insertion of extracts from the bulletins of the experiment station, and the reports of the different departments; (2) the magazine form permits of the easier preservation and binding of the copies of a year, or of a term; (3) the work of mailing will be reduced, or at least consolidated; (4) the field of a weekly newsletter to the alumni, old students, parents and patrons is well occupied by the

### THE RUNAWAY SCHOOL MISTRESS

Florence Wilkinson

Furry silver of the frost-touched leaves will fall;  
Sparkling dawn will find  
Shamefaced asters blackened by the wall;  
From the school house on the windy hill  
The first school bell will call;  
Spongy school books like crumpled toadstools will lie  
On slippery desks—and a pellet ready for the teacher's eye;  
The identical dunce will be grinning by the wall—  
I'll not be there, I'll not be there, I'll not be there at all.

Between my lips I've had the sweetness of the city dust.  
I love it, and I'll stop my ears and go  
Where cheeks are painted pink and shiny motors flow.  
I'll buy a baker's crust  
I'll wear my soles to holes on pavement stones—  
I'm mad to go, I must, I must.

Toppling hay will rumble to red barns—  
—tonk, tonk!  
The red winesaps will gleam smashed in the ruts  
By cider mills and copper pulp will turn  
Grasshoppers drunk.  
Old men will gather nubbly bags of butternuts;  
The deacon's hulking boy will loathe his Latin  
And, as usual, flunk;  
Chinese wiggly writing—wild geese in the gold  
Over Joe English Hill—cry, faint and cold.  
Good-bye! honk, honk!  
I'll not be there, I'll not be there, I'll not be there at all.

### SUNFLOWERS

H. W. D.

There is no denying that short skirts were shameless, immoral, even vicious. But they certainly have it all over the present vogue of lop-sided, sloppy-weather, blue-Monday blankets in which we now find the ladies. Of course, though, ugliness is its own reward, especially if propriety has a vote.

It is a bit strange that nobody felt that Henry Ford should be appointed to Newberry's place in the senate, isn't it?

Professor Tiernan has graciously dynamited a lot of bunc—firmly entrenched bunc—about the drabness of the existence of college professors.

For the which he should be given a slim niche in the hall of fame or a fat movie contract.

Cy Sherman, veteran sport writer of the Lincoln Star, who was so outraged at the Aggies' tactics in the Wildcat-Cornhusker game, will doubtless cite Tiernan's case as another evil feature of the Notre Dame shift.

But Christmas is coming and college professors need not worry about the limelight into which the Notre Dame legal expert's vacillation has cast them. They may slink back out of the light at their own pleasure.

Christmas is coming—we repeat it, sir—when every married man on earth is supposed to swap a seventy-five dollar floor lamp and thirty-seven dollars' worth of silk underwear for three pairs of socks each an inch and a half short and one box of very perishable cigars each four inches too long. That's the kind of stuff that brings us back to normalcy, college professors and all.

Do your Christmas shopping in January, husbands, and spend the difference on tires and gas. That's the only way to save yourself from your wife and the profiteers.

Which reminds us that Kansas now has one automobile to every eight citizens. If each machine carries four individuals—and we have seen more than that many in a front seat—not more than half of us can be prosecuted next year for getting hit by cars.

We favor a closed season on pedestrians. The species will die out within five years unless proper remedial legislation is resorted to.

### THE MORONIAD

#### BOOTH 1. THE BELONGER

Mrs. B.  
Belongs to four card clubs  
Two and one-half study societies  
Three dancing clubs  
The Grace street choir  
And the Guild  
A neighborhood Thimble and Tongue  
Two charity organizations  
And six interlocking cults.  
She is the most prominent woman  
In the town of Rapture.

Her husband rejoices  
In her popularity  
And is awfully clever  
In the kitchen.  
He almost deserves a booth  
Of his own.  
Doesn't he?

### FOR NEW ZEALAND JOURNALISM

Robert Bell, managing editor of the Lyttleton Times, Christ Church, has placed 2,000 pounds under the control of the Canterbury board of governors of the University of New Zealand, for maintaining scholars at a school of journalism. The conditions of Mr. Bell's gift provide that the board shall initiate lectures as a first step toward the establishment of a school of journalism.

A course of study is to be laid down to include the subjects required for a diploma in journalism. Candidates must be sons and daughters of parents who have been associated with production of newspapers in New Zealand.—The Fourth Estate.

Whitewash is the cheapest of all paints and the most sanitary for some farm buildings.



## SEASON MARKS EPOCH

REVIEW OF 1922 FOOTBALL YEAR  
REVEALS STRIKING PROGRESS

Names Added to List of Gridiron Immortals, Attendance Records Broken, Bachman Proves Himself Strategist

Names were added to the list of Aggie gridiron immortals, attendance records for Ahearn field were broken, and Charley Bachman proved himself one of the master strategists and coaches of football during the playing of the 1922 K. S. A. C. schedule.

But the thing that looms largest in the student and alumni mind is the fact that the Wildcats fought with a spirit that never flagged. They played clean and they played hard and they gave their utmost, for 15 full minutes in each quarter of each game. No accusations of quitting under fire were made against the Aggies by football critics, and fulsome praise, columns of it, was written of their valorous spirit.

### HARD SEASON, HARD FOUGHT

A sweep through the season, a panoramic view of the whole campaign from its inception with the smothering of Washburn under an avalanche of touchdowns to the Homeric finish on Nebraska field where the Aggies suffered, as H. W. D. says, "the least inglorious defeat a team ever took," and the anticlimactic Thanksgiving day romp with Texas Christian university, intensifies one's knowledge of the fact that the Aggies fought a good fight.

Start with the Washburn game, the first of the season, which proved to be a scoring parade for the Aggies. The Ichabods, who not so many years ago were hefty opposition for Wildcat teams, crumbled before the tackle smashes, end runs, and forward passes of the Aggies and were buried under seven touchdowns, two the result of forward passes, and five scored by rushes. The feature of the game for Aggie partisans was the fact that the substitutes performed in a manner that indicated strong reserve power in the capable hands of Coach Bachman. This was particularly pleasing because of the fact that "Ding" Burton, star right half, suffered a side injury that was destined to keep him out of the game much of the time during the remainder of the season, and was known then to necessitate a two weeks' layoff for him.

### PIKERS FIGHT HARD

Came then the first conference game, the battle with Washington university at St. Louis. Minus the flashy but consistent play of Burton, and supplied with too much confidence, the Aggies found the Pikers a dangerous opponent. The St. Louisans were smarting under criticism of their poor showing in the game with Rolla School of Mines the week previous and put up a game fight. Their offense was unproductive of yards or points, except for the two long passes, both of which counted touchdowns, the first being over the goal line, and the second placing the leather within the Aggie 10 yard zone, from which point it was rushed on across. The defense of the Washington eleven was well conceived and executed, but the Aggies scored three touchdowns, two points after touchdown, and a safety, enough to win 22 to 14.

The first reverse of the season was the lot of the Wildcats when they invaded Soonerland the Saturday following the Washington game. The 7 to 7 tie with Oklahoma is labeled a reverse because the Aggies were confidently expecting to win from the Sooners. No alibi has been offered for the failure to win the Oklahoma game, and none will be. The Owen crew played a bang-up game, and deserved the seven points they got. The secret of the Aggie failure to score after that brilliant 80-yard march for a touchdown in the first ten minutes of play lies in the injuries to backfield men which sent Axline, Stark, and Sears to the side-



TOP ROW, left to right—Stark, left halfback; Lasswell, right guard; Sebring, right end; Schindler, right guard; Harter, center; Hutton, center; Yandell, halfback.  
SECOND ROW—Axline, halfback; Staib, right tackle; Bachman, head coach; Hahn, captain and left guard; Doolan, end; Burton, right halfback.  
THIRD ROW—Webber, left end; Brandley, halfback; Jackson, assistant coach; Clements, fullback; Franz, guard.  
BOTTOM ROW—Steiner, right guard; Nichols, left tackle; Sears, fullback; Swartz, quarterback; Brown, halfback; Munn, right end.

lines and left Brandley on the field badly hurt but gaming it through because there was no one to take his place. With these men out, the Aggie offensive power was gone. However, the line rose to the occasion, and held the desperate Oklahoma assaults in check until the last two minutes of play when a long end run produced a touchdown. Twice the forward wall held for downs on the Aggie 4-yard line, a testimonial to the kind of fight they possess. Linemen, as well as backfield men, were battered and bruised in this game, Schindler having to be taken from the game, and Staib and Hutton being hurt, but staying on.

### BURY JAYHAWK JINX

Homecoming visitors, 13,000 of them, saw the Wildcats, suffering from the effects of the terrific mauling they took at Oklahoma, get a break for a touchdown, then settle down to dogged, defensive football to hold a tie score with the ancient enemy, K. U. Nothing spectacular or brilliant about the Aggie play that day—except Captain Ray Hahn's 70-yard run for a touchdown after he had intercepted a Jayhawk forward pass early in the first period. It was sheer dogged fighting by the line that lingers in the memory of Aggie partisans. The K. U. backs had the punch in mid-field, but inside the danger zone they rammed into a chilled steel bulwark. Thrice did Jayhawk charges stop short of touchdowns. On one occasion the Clark machine got a first down on the one-yard line, and finished four efforts to crowd the leather across at the two-yard line. The feature of the game was the fact that the Aggies got the breaks—the jinx departed.

With the Tiger tail twisting the week following, the Aggies started upon their forward passing orgy that earned them the title of "Wonder Team." Forward passing placed Bachman's crew in scoring distance in the second period, and forward passing did the same trick in the fourth quarter after Missouri had gone into the lead with a touchdown and field goal, both scored by the powerful Lincoln, in the third quarter. Wildcat scoring was done by the line-smashing attack of Stark, Sears, and Clements, but the tosses which bewildered and disheartened the Tigers proved an easy and rapid method of working the pigskin down the field. The Stark-Swartz-Webber-Sebring-Munn-Burton-Brandley combination discovered its potentialities in that game, and used the forward pass as an offensive weapon as did or could no other conference team

(Concluded on page eight)

## 1922 "K" Men and Coaches

### NINE SENIORS ON TEAM

HAHN AND BURTON, FOUR LETTER MEN, FINISH CAREER

Others Who Have Played Last Year With Aggies Are Sears, Sebring, Axline, Schindler, Staib, Franz, and Don Yandell

Nine Kansas Aggie letter men finished their football career with the close of the 1922 season last Thursday. They are Ray Hahn, Ira Schindler, J. E. Franz, guards; Leon Sebring, end; A. A. Axline, Donald Yandell, Hartzell Burton, halfbacks; R. M. Sears, fullback; and H. J. Staib, tackle.

Hahn and Burton have to their credit the honor of having served four years on the Aggie team. Counting this year's "K" they will have earned four football letters at K. S. A. C. Their first year was played with the S. A. T. C. when valley rules permitted freshmen to participate in intercollegiate contests.

Ray Hahn, this year's captain, in every respect is the team leader. It is not always that the captain of the team is also one of the stars, as is the case with Hahn. He made his name immortal in Kansas Aggie football history when he ran 70 yards for a touchdown against K. U. this season.

### MISFIT AT QUARTERBACK

Burton's first two years of college football failed to bring out his best talent. With the coming of Coach Bachman to the Aggies, Burton was promptly removed from quarterback to halfback, where he has played a star game. Burton's ability to run with the ball and catch forward passes has enabled him to hold down his position with unusual distinction, despite the fact that he weighs less than 150 pounds.

Sebring's last game was that against Missouri, an injury having been received in scrimmage the following week which kept him from participating in later frays. In the conflict with M. U. as in the contest against Missouri the year previous, Sebring rose to a high point in his football career. In the combat with the Tigers here last year a pass to Sebring enabled the Wildcats to register a winning touchdown.

### AXLINE TO BE MISSED

Axline will receive a degree from K. S. A. C. next June, making him ineligible for conference football, although this is only his second year of participation. He played quarterback on the Aggie team year before last. He has been playing halfback this season. His kicking ability, combined with other qualities, among

which is a well seasoned knowledge of the game, have made him one of Coach Bachman's most reliable backfield men.

When it was second down and a yard to go, or when the line must be punctured for a touchdown, or when a forward pass over center was to be broken up, Sears, fullback, always could be counted upon. Although his position has been hotly contested by mighty good football players, he has won out as the regular during the last three seasons.

### STAIB SAVED "WEAK SIDE"

Due to unfortunate minor injuries at crucial times in the seasons of 1920 and 1921, Staib, tackle, never before this year has been able to get into enough games in a single season to win his "K". His reliability as a line man this fall enabled the Aggie coaches to solve satisfactorily a situation which, following the K. U. game, began to look like a problem. Staib deserves a great deal of credit for the right side of the Aggie line, living down the reputation of being "the weak side."

Schindler, 193-pound guard, has been an important asset to the Bachman gridiron machine, being the third heaviest man on the squad. It was largely due to the fight of Schindler and Hahn, the Aggie guards, that no adversary has been able to gain consistently through the Aggie forward wall. They deserve much credit for holding Kansas and Oklahoma to tie scores when heroic defensive work enabled the Wildcats to retire from the field with honor.

### FRANZ, YANDELL, SENIORS

Franz, last year proffered a letter for his loyal service in coming out regularly to practice for three seasons, although never participating in enough games to merit an emblem regularly awarded, declined the honor, declaring that he would earn the "K" this season. Overcoming the natural handicap of being slow on his feet, Franz has forced recognition from the coaching staff and this year has won his letter in the regular way.

Don Yandell, halfback, has been one of the Aggie standbys in the backfield during the last two years. Last season he just missed winning a letter. He will receive the coveted emblem at the close of the present season.

Hens will not produce eggs from ice. Keep the drinking pan thawed out.

Dehorned cattle bring better prices on the market and also cause less disturbance in the feed lot.

## TWENTY-TWO AWARDED AGGIE FOOTBALL "K"

Twelve Receive First Numeral, Six Their Second, Two Their Third, and Two Their Fourth

Twenty-two varsity letters, the largest number awarded in years, were conferred upon members of the K. S. A. C. football squad by the athletic board at its meeting today. The number of letters awarded is indicative of the strong reserve material which Coach Bachman possessed this year. The substitutes in several instances were practically on a par with the first string men in

### The Aggies' Big Chief



M. F. AHEARN, DIRECTOR OF ATHLETICS

ability. Captain Hahn, right guard and Swartz, the quarterback, were the only players who were in the game so much of the time that their substitutes did not make letters.

Of the 22 honored athletes 12 received their first "K", six their second, two their third, and two their fourth. The two who have campaigned four seasons with the Purple are Captain R. D. Hahn, Clay Center, and Hartzell Burton, Wichita. The three-letter veterans are H. L. Sebring, Gardner, and R. M. Sears, Eureka. The two-stripe men are John Steiner, Whitewater; Ira Schindler, Valley Falls; R. M. Nichols, Oskaloosa; Arthur Stark, Goodland; A. A. Axline, Wichita; and Burr Swartz, Hiawatha.

The men who won their first letters this year are T. C. Lasswell, Manhattan; R. J. Staib, Turon; Howard Webber, Dodge City; Lyle Munn, Norton; Arthur Doolan, Kinmundy, Ill.; C. A. Brandley, Manhattan; V. O. Clements, Havensville; John Brown, Blue Rapids; B. C. Harter, El Dorado; R. J. Hutton, Manhattan; J. E. Franz, Manhattan; and D. A. Yandell, Wilson.

Twenty-four members of the freshmen football squad were awarded numeral jerseys. The lowly frosh serve a useful purpose in providing opposition based upon the plays of conference enemies for the varsity team, and they also get training that stands them in good stead as candidates for the varsity in their sophomore, junior, and senior years.

The yearling numeral men—J. F. Allen, Galena; R. L. Foster, Kansas City, Mo.; L. A. Gay, Junction City; E. R. Lord, Hutchinson; J. L. Milder, Norton; L. C. Reed, Clay Center; Lloyd Ream, Turon; Paul Schopflin, Kansas City; M. H. Toburn, Cleburne; R. L. von Treba, Oswego; H. C. Armstrong, Altamont; H. A. Dimmitt, Manhattan; K. C. Hawkinson, Manhattan; R. E. Kimport, Norton; W. C. Denton, Denton; A. G. Eddy, Havensville; T. F. Guthrie, Saffordville; S. C. Olson, Clyde; H. A. Russell, Topeka; L. G. Schmutz, Junction City; G. S. Sprout, Turon; F. R. Staib, Turon; L. L. Strobel, Pratt; L. D. Swanson, Elm-dale.

Two members of the cross country squad were awarded letters—Captain M. E. Henre, Kansas City, and F. E. Willey, Marion.



## SAVING IN BUG WARFARE

### GEORGE DEAN TELLS OF WORK OF ECONOMIC ENTOMOLOGISTS

Discoveries of K. S. A. C. Department Which He Now Heads in One Year Pay for College from Time of Its Founding

The work of the economic entomologists connected with the K. S. A. C. experiment station has saved the state of Kansas through reduction of crop losses due to insect pests, more in one year than the institution has cost the state during its entire existence, according to Prof. George Dean, head of the entomology department, who summarized the results of the department's work for the Manhattan Kiwanis club at its last weekly meeting.

Savings through the application of insect control methods originated at the station here, and directed by its agents, have amounted to as much as \$60,000,000 in one year, according to computations of the United States bureau of estimates.

#### "KANSAS BAIT" TO AFRICA

"Kansas has not been the only commonwealth to benefit by the discoveries of insect control methods made by the station here," Professor Dean said. "The poisoned bran mash used to exterminate grasshoppers is used throughout the world in many localities. It is known as 'Kansas bait.' Go into Africa in an area where there is a campaign for the annihilation of grasshoppers going on, and they may refer to the poison as 'Kansas bait'.

Other methods of insect control developed at the K. S. A. C. station which are widely used, and which have been of great economic value, are the burning over of bunch grass clumps to keep down chinch bugs, and fall plowing at specified dates to exterminate the Hessian fly. The latter method in addition to being a sure preventive against the ravages of the Hessian fly is also of positive benefit to the wheat grower, being a cultural measure that will increase the yield, even though the insect is not prevalent in his vicinity.

#### FARMERS COOPERATE

"The success of insect control campaigns would not have been possible in Kansas had it not been for the high calibre of the farmers in the state," asserted Professor Dean. "They are willing to cooperate, and to do so thoroughly. We have organized from 15 to 20 counties at once, and in a four or five-day campaign, using thousands of tons of 'Kansas bait', have exterminated grasshoppers in the whole area. Without the cooperation of all the farmers, and without the high quality of leaders in the county farm bureaus and the extension department of K. S. A. C. it would not have been possible to accomplish these results so quickly and so thoroughly."

#### POISON BY THE TON

The "dry heat method" for the control of insects infesting flour mills and warehouses was discovered and developed by the K. S. A. C. department of entomology. This is the most efficient and practical method known. It is used throughout the country and in many foreign countries. Probably every breakfast food manufacturing concern in the United States is using heat to control insect infestation.

As an instance of the thorough organization required in these campaigns, Professor Dean gave the following statistics concerning the grasshopper campaign of 1919: "The number of counties organized was 39, representing a total area of 33,985 square miles, or about two-fifths of the entire area of the state. The total amount of bran mash distributed was 4,565 tons or 183 carloads. This required 33 tons of white arsenic, 489,000 lemons, and 83,000 gallons of syrup. Not only were all of the summer crops protected, but, due to the fact that fully 90 per cent of the 'hoppers' were killed, the en-

tire new wheat crop in the fall over the western third of the state was completely protected."

#### OTHER STATES COPY

The influence of K. S. A. C. in preventing enormous crop losses thru insect ravages is carried out into other states and nations by graduates of the department of entomology, Professor Dean said. Highly successful campaigns against pests in North Dakota, Texas, Ohio, Idaho, and other places have been directed by Aggie alumni or men who have received their training on "The Hill."

Work in Saskatchewan was conducted along the same line as the work in Kansas but was not directed by an Aggie man. The department has given to the country 28 entomologists among whom are some of the world's foremost entomologists, including such men as the late Doctor Williston, an internationally recognized authority on the diptera, or fly family of insects, and Doctor Marlatt, at present the associate chief of the federal bureau of entomology.

#### BUGS AFFECT CIVILIZATION

Professor Dean prefaced his talk with a discussion of the vast influence exerted upon humanity by insects. He cited the fact that vast areas in South America and Africa, although they possess abundant natural resources, can never be made the seat of a civilized people until insect pests which produce disease are brought under control. He told of the incursions of the black plague in western Europe in the fourteenth century, when 25,000,000 people, or a fourth of the population of the civilized world at that time, were swept away by its ravages, and of modern outbreaks of the same disease which have been stamped out by extermination of the disseminator, the rat flea; of the prevention of yellow fever, malaria, and typhus by the annihilation of the insect carriers.

### UNION PACIFIC ANNOUNCES FOUR SCHOLARSHIP HOLDERS

Club Winners Will be K. S. A. C. Students

Winners of the Union Pacific scholarships for members of boys' and girls' clubs in Clay, Brown, Jefferson, and Nemaha counties have been announced by R. W. Morrish, state club leader.

Francis Carpenter of Wakefield won the scholarship in Clay county. He has been president of three beef clubs in Wakefield; has won several prizes on calves at Wakefield; and has made a profit of \$50 on one calf. He won the silver loving cup given to the best club livestock judge in Clay county and was a member of the stock judging team that represented Clay county at the Hutchinson fair.

The scholarship in Brown county was won by Eldon Miller of Hamlin, a senior in the Hamlin high school and a star in Brown county athletics. He conducted a farm flock project, making a profit of \$101 on 72 birds.

Avery Leatherman of Dunavant was high man in the scholarship contest in Jefferson county. The flock of 334 birds which he raised made him a profit of \$186. He has been in club work for three years.

The Nemaha county winner was Wilbur Atkins of Goff. His project was raising 10 acres of corn. He has been in club work three years and was a member of the Nemaha county stock judging team at the Topeka fair. He is now attending K. S. A. C.

The scholarships are for attendance at Kansas State Agricultural college. They entitle the boys to \$75 in cash and to transportation to and from Manhattan over the Union Pacific railroad.

#### Proud of the Team

Mary Hill, '20, Burlington: "I have been following with much interest the successful football season of the Aggies. I am certain that every alumnus is proud of this year's team and record."

## RURAL CHURCH STATIC

### CONDITION BLAMED UPON LEADERS OF SIX OR SEVEN SECTS

No Progress as Community Center, Conviction of 25 Educators Who Reply to K. S. A. C. Sociologist's Questionnaire

The national controlling or dominating heads of six or seven denominations, with headquarters for the most part in Boston, New York, and Philadelphia, either are unardonably ignorant of the situation throughout the entire area west of them, or have not sufficient statesmanship to make a plan that will re-establish the American parish, or else must plead guilty to the old time indictment, "They seek their own, and not those things that are Jesus Christ."

This is the conclusion of Walter Burr, professor of sociology in the Kansas State Agricultural college regarding the rural church in America, expressed in a paper read before the American Country Life association in New York City recently. His deduction was based upon replies to 100 questionnaires sent to directors of extension and professors of rural sociology.

#### MUST ACT TOGETHER

"The writer believes," Professor Burr's paper continued, "that we need a rural church commission, with a pooling of funds now being wasted in rural home missionary work, and with a field agent who could go to a community ready for the parish plan and say: 'I officially represent all of the religious bodies represented here locally. Here is our plan for cooperating with you in handling your situation. We will put money back of the plan to assure its success. We will arrange matters of local fellowship and world church funds, etc. Now let's go!'"

"Sometime we will secure the Christian statesmanship that will dare take that step," he concluded.

Discussing in greater detail the replies to his questionnaire, Professor Burr stated that the opinions with regard to the progress of the rural church as a community center were less uniform and therefore less easily interpreted than were replies relating to other aspects of rural community organization.

#### SOME SEE NO PROGRESS

"This," he continued "is probably due to the fact of a wide variance of opinion on the fundamental question of the true function of the church in society. A number of the answers show, however, a considerable agreement with regard to the sort of church that is succeeding or would succeed in the rural community. It must be remembered that the opinions are from the standpoint of economists and sociologists rather than from professional ecclesiastics."

"Twenty-five out of 56 replies cannot see that the rural church is making progress as a community center. Some of these qualify their statements, with the frank admission that in isolated instances there are outstanding exceptions. In noting such exceptions, the statement is commonly made that the church referred to has the entire and undisputed local field. Among those who declare that the church is making progress a considerable number base the conclusion upon the fact that church federation is gaining ground, or that plans of inter-church comity are making progress."

#### IS UNIQUE PROBLEM

"The rural church movement must be considered as fundamental in the entire rural organization field. It presents, however, a unique phenomenon in that field. Rural community organization proposes frankly to combat the natural independence and provincialism of the rural individual. It proposes to bring into one functioning body all local factions so that they may work for the common welfare."

"The term 'community center' suggests a circumference, enclosing

activities functioning from the center out. But the rural church as it developed in a previous era in our history runs counter, in organization form, to this conception of the community. Obviously, when we get people converted to the community idea, they will break away from their cliques and factions, and be 'all with one accord in one place.'

"After crucifying the early advocates of the church as a community center, the great denominations saw that rural people themselves were being won to the idea, and national bodies and leaders hastened to get into the band wagon. To an observer who was not unduly careful as to whether or not he himself were trampled upon, and therefore could get a closeup, it was at once saddening and ludicrous to see pompous dignitaries who had formerly tried to impede this progress, jostle each other to get to the driver's seat."

#### ONLY ONE CENTER

"There can be but one center to one circumference. To the extent that church leaders win the people to the community service idea, to that extent they destroy the idea of sectarian loyalty. So we have the anomalous situation in many a local field of a local leader sent in to build up a local denomination, with the ecclesiastical guillotine awaiting if he fails to do so—and at the same time carrying a high commission and training to promulgate the very gospel of community service that will destroy the local denomination as surely as that gospel has power to convict people of the sin of useless strife and division. The writer shares with some of his correspondents the amazement at the sheer lack of logic in this sort of a community church movement."

"In this matter of a unified community church, the people are far in advance of their leadership. One may say also that local preachers who are close to the grief of this situation, are far in advance of their leadership. The further you ascend (or descend, according to the viewpoint) the ladder of leadership, starting from the local community, the less vision and practical knowledge do you find with regard to this local situation."

#### "VENTURE A STATEMENT"

"The writer and his correspondents, do not propose a definite organization solution of the problem, but venture the following statement:

"There are thousands of rural communities in America where religious organization divisions are not based upon any differences in conscientious convictions on religious matters."

"In these communities the people are ready to come to the parish plan of religious organization."

"In many of these communities the people are ready to come to the parish plan of religious organization."

"In many of these communities the ministers are ready to adopt a unified parish or community plan of religious functioning."

"Such a plan cannot meet with permanent success as an isolated local plan of union or federations, because of the necessary world nature of the church conception. Some kind of connection nationally and universally is absolutely essential."

#### Kansas Wasn't There

O. A. Stevens, '07, seed analyst and botanist at North Dakota Agricultural college, Fargo, N. D., suggests that Kansas should be represented at the annual meeting of seed analysts held in connection with the Seed Trades association. "The U. S. D. A., fourteen states, and five provinces of Canada were represented at the last meeting in Chicago," he writes.

#### You Find Them Everywhere

C. A. Hunter, '15, who moved from Penn state to the University of South Dakota this fall, has found Aggies in the environs of the state. He records the fact that "Jake Holmes, '12, dropped into the laboratory and made me a visit a short time ago."

## PLANTS ADD COZINESS

### THEY'RE BEST BEAUTIFIERS FOR HOME IN WINTER

But Sickly Ones Are Worse than None at all—Steady Temperature and Proper Water Supply Necessary to Successful Growth

Plants add more coziness to a home in the winter than any other beautifier, but sickly looking ones are worse than none at all.

If given half a chance plants will do well and if they are not beautiful there is a good reason. Plants require a steady temperature, that is, avoid extremes. Winter homes are kept at summer heat in the daytime which causes the plant to grow rapidly, shooting out tender branches which suffer in the cold room at night when the fire is low and the windows open. The extreme change makes them weakly and vulnerable to disease. Keep them in even temperatures.

#### MAY WATER TOO MUCH

Plants suffer and die because they do not have enough water or because they have too much of it. In furnace heated houses the air is dry. Most plants like moist air. Put a pan of water on the radiator or in the window and keep it there or else spray the leaves regularly. Plants should be watered regularly and thoroughly. When the soil on top of the pot becomes dry, place the pot in a pan of water half as deep as the pot and let the water be absorbed through the drainage holes in the bottom. Do not pour on a gill or two of water every time you pass by. If the soil is too dry the plants starve for food solutions; if it is too wet the air spaces are closed and the roots are denied the required amount of air and also they are subjected to the ravages of diseases which breed in the soggy ground. Air is as necessary to roots as water or soil.

#### LIGHTING IS IMPORTANT

Plants require light but not too much of it. The direct light in a western window is to be avoided. Sunlight helps in making food—starch and sugar—of the materials from the roots and air after it has assembled in the leaves. Geraniums and roses enjoy streams of sunlight, but ferns and palms prefer more subdued rays. However they too must have a little sunlight.

If these precautions are heeded and if the soil is good, plants will thrive and be beautiful. Soil should be leaf mold, garden loam or clean sand. Several pieces of broken china or coarse gravel are put in the bottom of the pot to provide for drainage. The drainage holes must be kept open. Too much fertilizer is harmful. Be moderate. Barnyard manure well rotted is excellent, but must be used sparingly.

#### GASES INJURE PLANTS

Frozen plants can be restored to life by placing them in a dark room where the temperature is a few degrees above freezing. Pour cold water on the leaves and branches. Keep them under these conditions and continue treatment until the frost is drawn out gradually. Removing the frost too rapidly breaks down the tissues and the plant dies. If the plant is frozen beyond restoration, cut off the top and give the roots a chance to put out new shoots.

Always cut off faded flowers or seed pods and pick off the dead or dying leaves and branches from all plants.

Coal and illuminating gases are deadly to plants. They must have pure air.

Grow plants that are suited to your individual conditions, and have a few good specimens rather than a conglomeration of every kind.

A club girl from Ellensburg, Wash., showed the grand champion steer at the Western Royal Livestock show. She sold it for \$331.70—31 cents a pound.



# HARBORD'S MOTHER PROUD OF SON'S COLLEGE RECORD

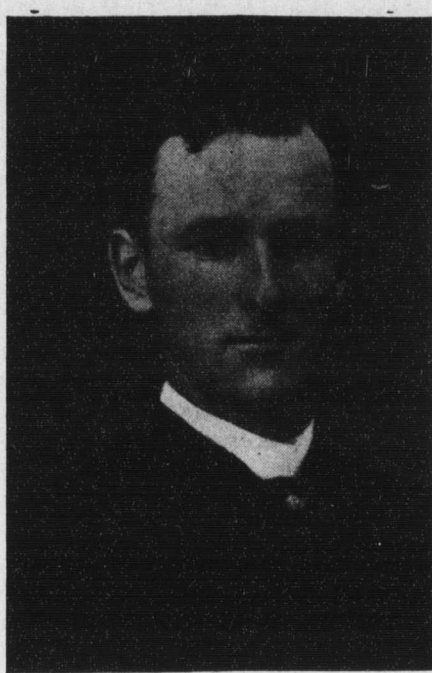
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"And maybe I think it's a wise decision because he will probably get a little vacation before he starts on his new job, and can come home for a real visit", she concluded wistfully.

## MCPHERSON COUNTY ALUMNI ANNUAL MEETING DECEMBER 15

Bachman and King on Program in H. S. Building

McPherson county alumni announce their annual meeting for the evening of December 15 at the McPherson high school auditorium. Seniors in high schools of the county will be the guests of the association at a reception which will follow the business meeting.

"Swud" Lawson, '07, president of the McPherson county alumni association, has issued the call for the meeting. He includes under the head of new business the election of a stadium committee, and the formulation of organization plans for the campaign.

Dr. H. H. King, president of the K. S. A. C. athletic board, and Head Coach Bachman, the mentor of the best Aggie team that ever graced the gridiron, will speak.

Underdrainage helps to prevent the accumulation of alkali salts in irrigated soils.

## HORSESHOE PITCHERS TO COMPETE AT MANHATTAN

Amateur Stock Judging Contest Also To Be New Feature of Farm and Home Week

The 1923 Farm and Home week at the Kansas State Agricultural college February 5-10, offers two new contests open to Kansas people—an amateur stock judging contest for the championship of Kansas and a horseshoe pitching tournament, also for the state championship.

Farm and Home Week will be advertised this year on every piece of mail sent out from Manhattan. Permission has been secured from the post office department by Fred Lamb, the Manhattan postmaster, to use a device for canceling stamps which will advertise the date of the big annual event.

Mr. Lamb reports that there are about 10,000 pieces of mail sent out each day from the Manhattan office. The announcement of the date will probably be stamped on at least 500,000 pieces of mail.

The stock judging contest will be held Friday, February 9. It will be open to any resident of Kansas who has not had training in stock judging in the Kansas State Agricultural college or any other agricultural college. Two classes each of dairy cattle, beef cattle, horses, sheep, and swine will be judged. Prizes will be given to the best judges of each class and a sweepstakes prize will be awarded to the all-round livestock judge.

The horseshoe pitching tournament is expected to bring to Manhattan a large number of Kansas barnyard golf experts. Already there are three prospective entries from Labette county. The tournament will be held in the stock judging pavilion. Several courses will be laid out and referees will be in charge. Contestants may bring their own horseshoes.

## SEVEN AGGIE POP PERFORMERS NAMED BY FACULTY COMMITTEE

Annual Y. W. C. A. Stunt Night December 8-9

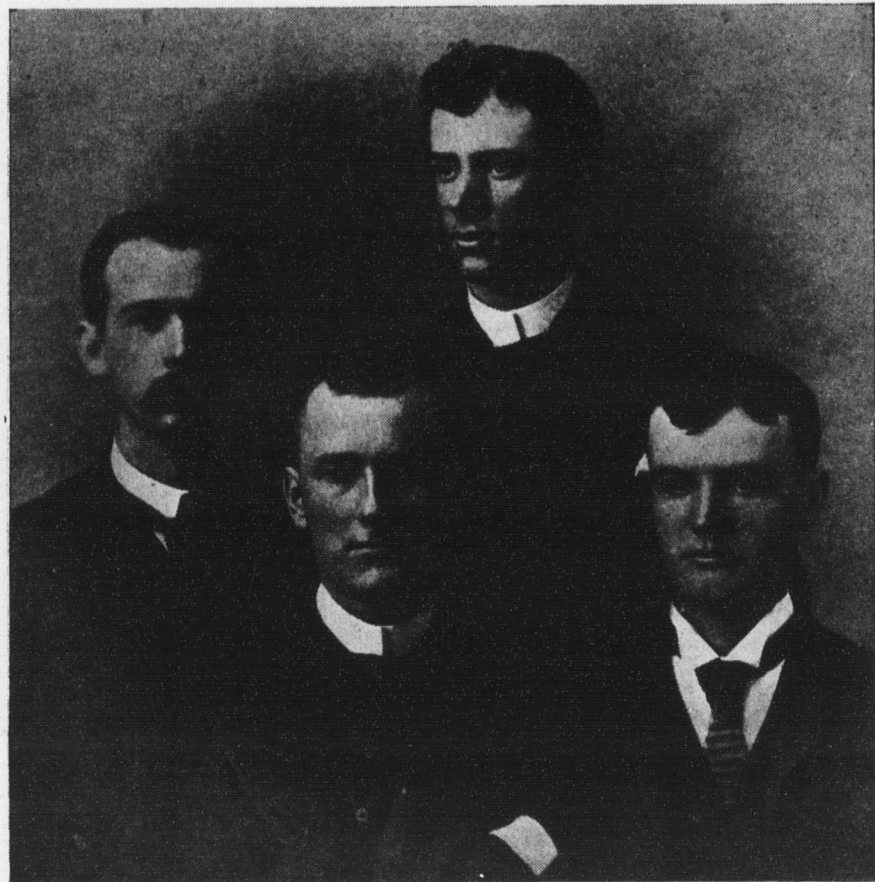
From the 15 organizations that submitted manuscripts, seven were chosen to be presented at Aggie Pop December 8 and 9. The lucky organizations include two literary societies, four sororities, and one fraternity. The names of the stunts and organizations are: Ionian, "Utopia"; Webster, "The Shade of Elysium"; Chi Omega, "Allah's Garden"; Kappa Delta, "When Winter Comes"; Kappa Kappa Gamma, "Perfection Salad"; Delta Delta Delta, "C. O. D."; and Sigma Alpha Epsilon.

Due to the increasing interest in the annual Y. W. C. A. stunt night it will be given two nights instead of one as in former years.

The final tryouts were held last Wednesday afternoon in Kedzie hall. The preliminary judges included Prof. H. W. Davis, Miss Florence Heizer, Dean Mary Pierce Van Zile, Miss Jessie Machir and Prof. Ray E. Holcombe. Organizations submitting stunts include seven literary societies, Ionian, Browning, Eurodelphian, Webster, Athenian, Franklin, and Alpha Beta; one fraternity, Sigma Alpha Epsilon; and seven sororities, Kappa Kappa Gamma, Kappa Delta, Delta Delta Delta, Chi Omega, Pi Beta Phi, Alpha Delta Pi and Alpha Xi Delta.

This year a larger cup has been purchased by the Y. W. C. A. to be presented to the winning organization at the close of the entertainment December 9. The old cup has been won by five organizations: Kappa Kappa Gamma, Ionian, Pi Beta Phi, Eurodelphian, and Aggie Press club. If the Ionians win this year the cup will go to them, but if they do not the cup will revert back to the Y. W. C. A. and become a trophy of that office.

Judges for the finals will consist of seven persons, part out of town and part local.



"THE BIG FOUR"—"Jimmie" Harbord and his college pals, upper left, W. E. Whaley; upper right, Paul Fairchild; lower left, J. G. Harbord; lower right, J. U. Higinbotham.

of Major General James G. Harbord, '86, deputy chief of staff of the United States army, who recently resigned in the face of certain advancement to chief of staff. Mrs. Harbord was seated in the cozy living room of her home in Manhattan. She straightened perceptibly in her chair and continued, speaking more rapidly.

"Jimmie missed flunking that examination a long way. He tied for first honors with a boy named Swazey from Osage City, and the other 20 who took the examination flunked.

And the motherly old lady pointed with evident pride to the commission, framed, and hanging in the place of honor upon the wall, calling attention to its date of issue.

## BETTER STUDENT THAN MOST

"I don't remember that Jimmie was a particularly remarkable lad when he was attending K. S. A. C.," Mrs. Harbord resumed. "Of course my memory isn't as good as it once was, but I can't recall that he did anything out of the ordinary.

"He was a better student than most, and didn't have to spend a lot



GENERAL HARBORD



# HARBORD'S MOTHER PROUD OF SON'S COLLEGE RECORD

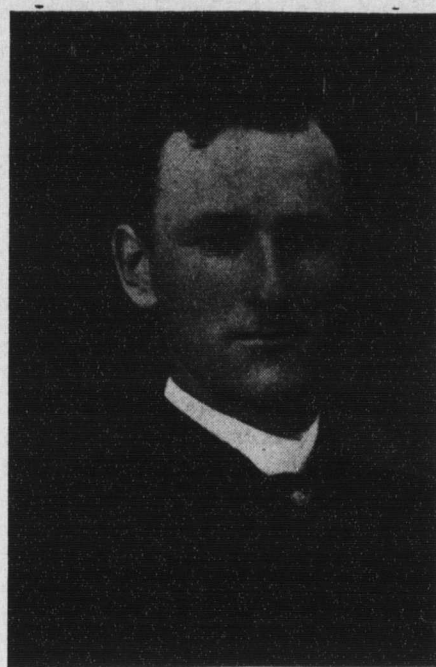
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"And maybe I think it's a wise decision because he will probably get a little vacation before he starts on his new job, and can come home for a real visit", she concluded wistfully.

## MCPHERSON COUNTY ALUMNI ANNUAL MEETING DECEMBER 15

Bachman and King on Program in H. S. Building

McPherson county alumni announce their annual meeting for the evening of December 15 at the McPherson high school auditorium. Seniors in high schools of the county will be the guests of the association at a reception which will follow the business meeting.

"Swud" Lawson, '07, president of the McPherson county alumni association, has issued the call for the meeting. He includes under the head of new business the election of a stadium committee, and the formulation of organization plans for the campaign.

Dr. H. H. King, president of the K. S. A. C. athletic board, and Head Coach Bachman, the mentor of the best Aggie team that ever graced the gridiron, will speak.

Underdrainage helps to prevent the accumulation of alkali salts in irrigated soils.

## HORSESHOE PITCHERS TO COMPETE AT MANHATTAN

Amateur Stock Judging Contest Also To Be New Feature of Farm and Home Week

The 1923 Farm and Home week at the Kansas State Agricultural college February 5-10, offers two new contests open to Kansas people—an amateur stock judging contest for the championship of Kansas and a horseshoe pitching tournament, also for the state championship.

Farm and Home Week will be advertised this year on every piece of mail sent out from Manhattan. Permission has been secured from the post office department by Fred Lamb, the Manhattan postmaster, to use a device for canceling stamps which will advertise the date of the big annual event.

Mr. Lamb reports that there are about 10,000 pieces of mail sent out each day from the Manhattan office. The announcement of the date will probably be stamped on at least 500,000 pieces of mail.

The stock judging contest will be held Friday, February 9. It will be open to any resident of Kansas who has not had training in stock judging in the Kansas State Agricultural college or any other agricultural college. Two classes each of dairy cattle, beef cattle, horses, sheep, and swine will be judged. Prizes will be given to the best judges of each class and a sweepstakes prize will be awarded to the all-round livestock judge.

The horseshoe pitching tournament is expected to bring to Manhattan a large number of Kansas barnyard golf experts. Already there are three prospective entries from Labette county. The tournament will be held in the stock judging pavilion. Several courses will be laid out and referees will be in charge. Contestants may bring their own horseshoes.

## SEVEN AGGIE POP PERFORMERS NAMED BY FACULTY COMMITTEE

Annual Y. W. C. A. Stunt Night December 8-9

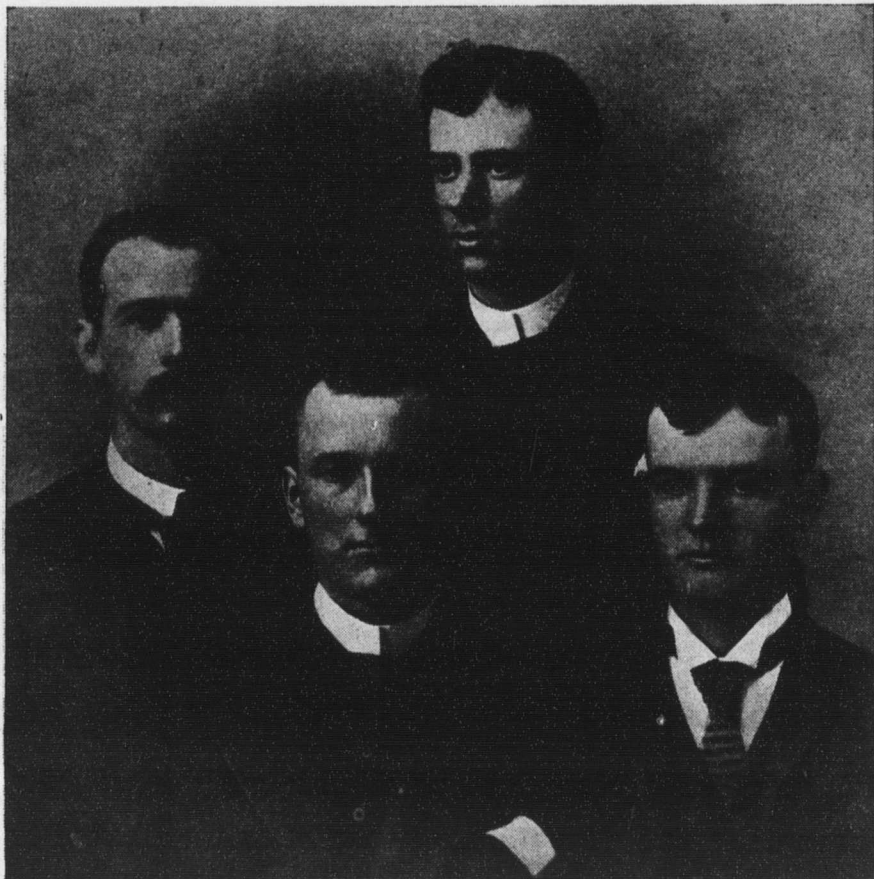
From the 15 organizations that submitted manuscripts, seven were chosen to be presented at Aggie Pop December 8 and 9. The lucky organizations include two literary societies, four sororities, and one fraternity. The names of the stunts and organizations are: Ionian, "Utopia"; Webster, "The Shade of Elysium"; Chi Omega, "Allah's Garden"; Kappa Delta, "When Winter Comes"; Kappa Kappa Gamma, "Perfection Salad"; Delta Delta Delta, "C. O. D."; and Sigma Alpha Epsilon.

Due to the increasing interest in the annual Y. W. C. A. stunt night it will be given two nights instead of one as in former years.

The final tryouts were held last Wednesday afternoon in Kedzie hall. The preliminary judges included Prof. H. W. Davis, Miss Florence Heizer, Dean Mary Pierce Van Zile, Miss Jessie Machir and Prof. Ray E. Holcombe. Organizations submitting stunts include seven literary societies, Ionian, Browning, Eurodelphian, Webster, Athenian, Franklin, and Alpha Beta; one fraternity, Sigma Alpha Epsilon; and seven sororities, Kappa Kappa Gamma, Kappa Delta, Delta Delta Delta, Chi Omega, Pi Beta Phi, Alpha Delta Pi and Alpha Xi Delta.

This year a larger cup has been purchased by the Y. W. C. A. to be presented to the winning organization at the close of the entertainment December 9. The old cup has been won by five organizations: Kappa Kappa Gamma, Ionian, Pi Beta Phi, Eurodelphian, and Aggie Press club. If the Ionians win this year the cup will go to them, but if they do not the cup will revert back to the Y. W. C. A. and become a trophy of that office.

Judges for the finals will consist of seven persons, part out of town and part local.



"THE BIG FOUR"—"Jimmie" Harbord and his college pals, upper left, W. E. Whaley; upper right, Paul Fairchild; lower left, J. G. Harbord; lower right, J. U. Higinbotham.

of Major General James G. Harbord, '86, deputy chief of staff of the United States army, who recently resigned in the face of certain advancement to chief of staff. Mrs. Harbord was seated in the cozy living room of her home in Manhattan. She straightened perceptibly in her chair and continued, speaking more rapidly.

"Jimmie missed flunking that examination a long way. He tied for first honors with a boy named Swazey from Osage City, and the other 20 who took the examination flunked.

And the motherly old lady pointed with evident pride to the commission, framed, and hanging in the place of honor upon the wall, calling attention to its date of issue.

## BETTER STUDENT THAN MOST

"I don't remember that Jimmie was a particularly remarkable lad when he was attending K. S. A. C.," Mrs. Harbord resumed. "Of course my memory isn't as good as it once was, but I can't recall that he did anything out of the ordinary.

"He was a better student than most, and didn't have to spend a lot



GENERAL HARBORD



## T. C. U. SWEEP ASIDE

AGGIES FINISH SEASON IN BRILLIANT 45 TO 0 VICTORY

Stark's Entrance Into Thanksgiving Game in Second Half Starts Scoring—Substitutes Play Last Quarter

The game with Texas Christian University on Thanksgiving day closed one of the most successful and brilliant seasons in the history of Aggie football. The Wildcats won by a score of 45 to 0, making all of their points in the second half.

Stark's entrance into the game at the beginning of the third quarter marked the transforming of the contest from a desultory pastime into a riot of touchdowns. During the entire third quarter the Horned Frogs from the Lone Star state did not once have the ball in their possession. Three times they kicked off clear over the Aggie cross bar and three times the Aggies, placing the ball on their own 20 yard line, tore straight down the field for touchdowns. Stark's work in lugging the ball around end, over the line, and through a crowded field was the most spectacular that has ever been seen here. His first gains ran from 5 to 41 yards and he frequently made first downs in one attempt.

IN ONE PERIOD, 275 YARDS

Stark's fight seemed to inspire the other Aggie backs and they all began tearing through. Two attempts for a first down were about all that were needed. The going was so successful that the famous aerial offensive of the Aggies was not often resorted to. During the 15 minute period the Wildcats gained a total of 275 yards, exclusive of penalties.

In the fourth quarter Coach Bachman began sending in substitutes. Every man that was suited up got a chance in the fray. The resistance of the Texans had been broken and the Aggie second and third string men gained at will, adding four touchdowns to the majority already piled up. Just to prove that the first string team doesn't know everything about forward passing the subs attempted seven aerial flights, completing six of them for a total of 97 yards.

FROGS NOT UP TO PAR

The first half of the game was a rather wearisome affair. Although the Wildcats gained 190 yards to the Texans' 23 they were unable to push the ball over for a counter. Their forward passes went wild for the most part and their playing, although brilliant, was inconsistent. The line bucking of Sears and the work of Swartz were redeeming features.

The Texas team failed to show the strength that was expected of them. Their defeat of Oklahoma Aggies, who had tied Oklahoma university, had led the Wildcats to expect a harder struggle than they had. The Aggies made 34 first downs and gained a net distance of 658 yards. The Frogs made two first downs and negotiated a net distance of 44 yards. The Wildcats successfully completed 9 out of 21 passes for a total of 126 yards. The Texans attempted six passes, completing one for seven yards.

### SEASON MARKS EPOCH

(Concluded from page five.)

during the remainder of the season. "Wonder Team" NOVEMBER 11

The Aggies trampled Ames in the mire, then forward passed over the visitors' heads in what was without question the dirtiest game of the season, Armistice day. This particular game gave the Wildcats their "Wonder Team" appellation. And well given the name was. A team which can complete 9 of 17 attempts at forward passes for a total of 120 yards when they are playing against a dangerous opponent on a gridiron shotop deep with mud and water, and in a driving rainstorm, is entitled to be known as better than the average run of gridiron machines.

### A CHANCE FOR FAME

K. S. A. C. graduates, former students, or students who desire to immortalize their names are hereby summoned to listen to the knock of Old Man Opportunity.

The music department offers to set to music lyrics submitted for the K. S. A. C. Song Book which is to be published by the alumni association and the music department. A committee chosen from the music and English departments and the alumni association will determine the suitability of the verses sent in.

Lyrics used in the song book will be duly accredited to the authors.

A stadium booster song will be particularly welcome for this first edition of the K. S. A. C. song book.

Clements found himself as a plunging fullback in this game also, splitting open the Ames forward wall time after time for good gains, and scoring the first touchdown. Munn, replacing at right end the veteran Sebring, who was injured in practice, also struck his stride. He scored the second touchdown, taking a pass over the goal line. The Ames points were donated by the Aggies who chose to spot their opponents a safety for two points rather than to kick from behind the goal posts.

ZENITH AGAINST HUSKERS

Bachman's machine reached the zenith of its form in the Nebraska game on which the conference championship hinged. Twenty-one forward passes completed out of 41 tried; 301 yards gained in scrimmage against Nebraska's 264; both Nebraska attempts to pass intercepted; 17 first downs to the winner's 14—these statistics give an indication of the super-football the much lighter Aggies played against the beefy Cornhuskers, only to have the home team get the breaks and win 21 to 0.

The Aggies made a touchdown on a Swartz to Stark pass in the first quarter, only to have it disallowed and a five yard penalty inflicted for backfield in motion. There was a nasty break. Nebraska scored in the second quarter when Lewellen returned a ragged punt to the Wildcat 16-yard line, then hammered on across. Another adverse turn in the luck of the game. Lewellen again proved the Aggie nemesis when he intercepted a pass on the 25-yard line, and got away for a touchdown at the start of the second half. Once again a Nebraska horseshoe.

NEVER OUTFIGHT

The third Cornhusker score was earned by Noble, who plunged 50 yards in six consecutive plays to cross the last white stripe. Lincoln sports writers were generous in their tributes to the all-around efficiency of the Bachman machine, and the glory of holding the husky Huskers to the lowest score obtained by any conference team, and also of making more yardage than all four other Valley opponents of Nebraska assuaged the sting of defeat.

The final game, a Turkey day contest chronicled elsewhere in this issue of THE INDUSTRIALIST, with Texas Christian university, had little significance so far as Valley standing was concerned.

A close inspection of the Wildcat record, we repeat, intensifies admiration for the speed, fight, and football skill of the Bachman warriors. Never was the Aggie team outgeneraled or outfought during the 1922 campaign. —M. S.

### Still Talk About Wildcats

Dr. L. V. Skidmore, '21, Lincoln, Nebr.—"It was a wonderfud game the Kansas Aggies played and people are still talking about the Wildcat team, even though Notre Dame has played here since that time."

## BOYS HERE THREE DAYS

STATE CONFERENCE OF HI-Y LADS BRINGS 1,007 TOGETHER

Sessions Friday and Saturday Held in College Buildings—K. S. A. C. Entertains Visitors—Attend Manhattan Churches Sunday

The largest and most successful Y. M. C. A. state conference of older boys closed Sunday evening after three crowded days of business and pleasure in Manhattan. The final meeting was conducted at the Methodist church by the combined young people's societies of Manhattan. Most of the sessions were held in buildings on the K. S. A. C. campus.

The statistics of the conference are unusual in comparison with previous conclaves. One thousand and seven boys had registered before the final meeting, with 107 towns and four states—Kansas Missouri, Oklahoma, and Nebraska—represented.

EDWORTHY IS GRATEFUL

The work of the Manhattan boys in handling the conference on such a large scale was highly praised by the state field secretary, B. V. Edworthy.

"On behalf of the state Y. M. C. A. I wish to thank Manhattan high school students and faculty and all of those who had any part in contributing to the success of the conference," he said. "Our thanks are especially due to the committee members and workers who spent so much time and effort preparing for the convention, the largest of its kind ever held."

FINE GROUP OF BOYS

"It was unquestionably one of the finest groups of boys ever brought together in one such meeting. We also thank the newspapers for their unusually large space concerning the conference. Manhattan's hospitality will go out over the state and will always be remembered by the boys. Dr. A. A. Holtz of the college 'Y' should be commended for the masterly way in which he handled the details of the conference."

Cleo Bell, of Pittsburg, was elected president of the conference at the election held Friday. Other officers named are James Price, Manhattan, vice president; Balfour Jeffrey, Topeka, secretary; Clyde Merideth, Emporia, treasurer.

TWO BANQUETS IN GYM

Banquets, attended by more than 1,000 boys, were held in Nichols gymnasium Friday and Saturday nights. Business was disposed of Friday afternoon and Saturday morning. Saturday afternoon and night were given over to entertainment by the college. The boys worshipped in Manhattan churches Sunday.

### DEAN SEATON MEETS GRADS IN THE EAST

(Concluded from page one)

and Mrs. Miller; P. J. Hershey, '22; Roy Breese, '21; W. L. Heard, '11; F. B. Livingstone, '12; H. B. Brown, '15, and Ella (Hutchinson) Brown, F. S.; C. H. McCandless, '21, and Mrs. McCandless.

The Schenectady alumni gave a luncheon at Siker's restaurant in honor of Dean and Mrs. Seaton who stopped at the General Electric headquarters town between trains. The following K. S. A. C. graduates let the wheels of industry idle while they renewed college memories: E. E. Thomas, '22, and Erma (Johnson) Thomas, '21; John K. Pike, '21; F. T. Scriven, '21; R. L. Chapman, '22; T. W. Bigger, '19; M. U. Banks, '22; T. E. Johntz, '22; F. L. Sakhmann, '20; M. H. Russell, '18; C. L. Ipsen, '13; L. N. Miller, '18; R. D. Van Nordstrand, '12; R. O. Van Nordstrand, '12; C. J. Axtell, '04; G. M. Glendinning, '22; C. L. Browning, '20; E. E. Adamson, '05, and Olive (Dunlap) Adamson, '05.

The swing around the circle was completed at Purdue university, West Lafayette, Ind., where Dean and Mrs. Seaton visited with Dean A. A. Potter, formerly head of the engineering division here, and Eva

(Burtner) Potter, '05. K. S. A. C. alumni at Purdue whom the travelers saw were Laureenz "Rennie" Green, '06, professor of horticulture; A. G. Phillips, '07, head of the poultry husbandry department, and Grace (Woodward) Phillips, formerly an instructor in home economics here; L. H. Fairchild, '16, professor of dairy husbandry; and Seibert Fairman, '19, instructor in applied mechanics.

### K. S. A. C. TEAM THIRD AT BIG CHICAGO SHOW

Kansas Stock Judging Students Remain Near Top in International Despite Close Competition

The Aggie stock judging team kept up its excellent 1922 record by winning third place at the International Livestock show in Chicago, Saturday. In placing among the topnotchers the K. S. A. C. contingent had to overcome the stiffest competition ever entered in the famous show. Only a few points separated the first and fifth place teams.

Twenty-one teams, representing the leading colleges and universities in the United States and Canada, were entered in the contest. The first 15 were: Iowa, Purdue, K. S. A. C., Nebraska, Texas, Oklahoma, Minnesota; N. Dakota, Illinois, S. Dakota, Kentucky, Missouri, Ohio, Colorado, and Ontario.

The K.S.A.C. team has had an extensive tour of colleges and livestock farms since leaving Manhattan several weeks ago. After the American Royal, the boys went to Ames where they remained two days. From there they went to Illinois university where they visited the college farm and several large nearby farms. They arrived in Chicago on Friday.

### EVOLUTION NUMBER OF BROWN BULL DISCOVERS MISSING LINK

Current Issue of Humor Magazine Sets High Standards

The missing link is now a misnomer. The troublesome controversy has been settled forever by the first issue of the Brown Bull, K. S. A. C. magazine of humor, for this year. Man proved himself the biggest monkey, and woman was forced to take second place, as in the beginning.

The management of the Brown Bull is to be congratulated on the improvement shown in this the "Evolution" issue. A magazine of this type has an advantage over other college publications. It is not repressed by rules and regulations. The result is a freedom of expression which is of value to an institution, when its execution is guided by an unprejudiced mind. It gives tone to the college atmosphere. It assists in keeping the student out of the proverbial rut. He realizes that his fellow classmate has ideas and opinions as well as the man who wrote his text book. By a process of deduction, he may even have the courage to express his own opinion—a departure which may have a vast influence on his future.

The editors of the Brown Bull are not alone in their belief that a successful and triumphant future is in store for their magazine. The organization of the material from the first page to the last deserves commendation. The page of book reviews is a new feature showing work of actual merit. The illustrations throughout the magazine were original. They were especially interesting because the contributors were students.

The Aggie Primer and Jawn Public Speaking were evidence of the new standard of humor for which humorous college magazines are striving. The shorter jokes were not up to the standard of the longer articles but perfection is not acquired all at once. Give the Brown Bull encouragement and cooperation and some kindly criticism—then await results.

—B. F.

Stock tonics are expensive substitutes for good feeding and care.

## TWO ON RADIO PROGRAM

BACHMAN AND B. K. BAGHDIGIAN, '16, GIVE ADDRESSES

Football Mentor Points Out Value of Sport and Alumnus Speaks on Americanism in Star's Educational Series

Listeners in, of the Kansas City Star's educational program which was broadcast from 6 until 7 o'clock Saturday evening heard a talk given by Charles W. Bachman, coach of the Kansas Aggies, on the value and importance of football, and a talk by B. K. Baghdigian, '16, on Americanism.

J. B. Fitch, head of the department of dairy husbandry, will appear on the Star's radio program next Saturday evening.

ATTRACTS WIDE ATTENTION

The series of educational addresses by members of the K. S. A. C. faculty is attracting wide attention. Among letters received from listeners in by K. S. A. C. speakers was the following to Walter Burr, professor of sociology, from the editor of the Worth County (Mo.) Tribune:

"I am writing to thank you for your radio talk from WDAF. It was fine and struck me in just the right spot. If possible I'd like the manuscript and permission to print it in the Tribune."

BACHMAN'S TALK ON FOOTBALL

"One of the most important things that football does," Coach Bachman said, in his address Saturday evening, "is to develop in the participant the spirit of contest. Not the quarrelsome vindictive spirit but the spirit that enables him to stand stoutly in the face of heavy odds, to come back undaunted again and again after repeated reverses. And the spirit that is indispensable in life's battles is the logical result of a properly developed spirit of contest."

Then the moral and physical benefits of football were discussed very thoroughly. Coach Bachman told of the rapid strides that the pigskin pastime had made in recent years. He cited examples where it had been decided to discontinue the sport of football and how after it had been discontinued, the move was soon found to be a mistake and it was taken up as one of the real necessities among athletic games. He told of the very small number of injuries in the game considering the great number of participants.

AMERICANISM DEFINED

A definition of, and an appeal for, Americanism was given by Mr. Baghdigian. The principles and the basic ideals upon which the government hinges were comprehensively enumerated and the responsibilities and obligations of a democracy given.

"The main purpose of our government is to see that every person is given an opportunity to develop the very best that is in him," Mr. Baghdigian said, "and at the same time confine individual action within the law in order to protect the rights and the interests of others."

"Those who speak with apprehension about the future of our government do not understand the principles upon which our republic was founded. They seem to be ignorant that the founders deliberated over the mistakes and the pitfalls of other governments and wisely profited from their experiences when they refused to incorporate those qualities which had led other nations into despotism and destruction."

Mrs. Harbord Receives Radio Set

One of the best radio receiving sets manufactured has been presented by the Radio Corporation of America to Mrs. Effie C. Harbord of Manhattan, mother of General James G. Harbord, '86. Members of a Kansas City electric jobbing house are engaged in the work of installing an aerial and receiving set at the home of Mrs. Harbord. The gift from the corporation came as a surprise to Mrs. Harbord.



# THE KANSAS INDUSTRIALIST

Volume 49

Kansas State Agricultural College, Manhattan, Wednesday, December 13, 1922

Number 13

## ADVISORS MEET HERE

STATE MEETING OF DEANS OF WOMEN AT K. S. A. C.

Resolutions Thank College for Waiving Rights to Funds for Dormitory—Miss Agnew, Hays Normal, Elected President

The eighth state conference of the Kansas Association of Deans of Women and Advisors of Girls was held last Thursday, Friday, and Saturday at K. S. A. C. Dean Mary P. Van Zile, retiring president of the association, had charge of the program. The three days' session was opened with an address of welcome by President W. M. Jardine. The program included discussions of problems concerning scholarships, housing, and the future of the women's fraternities. An open forum and exchange of experiences was held Friday afternoon.

Members of the conference were guests at a reception given Thursday evening, by Mrs. N. W. Kimball and Mrs. Van Zile. Friday evening the delegates were entertained at dinner in the new cafeteria by Mrs. Van Zile, and they were guests of the Y. W. C. A. at the annual Aggie Pop entertainment held Friday.

### MISS AGNEW PRESIDENT

Saturday morning the officers for the coming year were elected and the report of the resolutions committee was heard. The new officers are as follows: president, Miss Elizabeth Agnew, Fort Hays normal; first vice president, Miss Elizabeth Bentley, Baker university; second vice president, Miss Bertha Hamilton, Emporia high school; secretary-treasurer, Miss Grace Wilkie, Fairmount college.

Three important resolutions drawn up by the committee are as follows:

"That we recognize the generous attitude of the Kansas State Agricultural college in waiving its rights to the use of funds appropriated by the last legislature for dormitories, thus making it possible for the board of administration to go forward with their plans of building dormitories at the four other state institutions of higher learning, and that we endorse and pledge active support to the legislative program of the housing committee from the Kansas council of women which will urge the legislature of 1923 to appropriate funds for a dormitory at K. S. A. C.

### EXTEND ADVISORS TO H. S.

"That we appreciate the recognition and deference shown by the State Athletic association regarding our disapproval of girls' interscholastic basketball and gladly accept their suggestions of cooperation in finding a satisfactory substitute for such contests.

"That this conference urge upon administrators of high schools in Kansas the necessity of recognizing the work of deans or advisors of girls in high schools, and the importance of establishing this office in every high school in the state."

These are the fifth, sixth and seventh resolutions as adopted by the committee, which was composed of Miss Caroline Matson, Dean Hattie Moore Mitchell, and Miss Anna Patterson.

Following is a list of the 18 delegates who attended the conference:

Deans of women—Miss Elizabeth Agnew, Fort Hays normal; Miss Elizabeth Bentley, Baker university; Miss Ella Bernstorff, Friends university; Miss Anne Dudley Blitz, Kansas university; Miss Susan Guild, Washburn college; Mrs. Mary Nicholl Kerr, Kansas State normal; Mrs. Albert E. Kirk, Southwestern college; Miss Caroline Matson, Kansas Wesleyan; Miss Anna Patterson, College of Emporia; Miss Grace Wilkie, Fairmount college; Mrs. Hattie

### BACHMAN STAYS WITH AGGIES

"Coach Bachman will remain with the Aggies next year." The prospects for a Valley championship loomed high and enthusiasm reigned supreme when President Jardine made this announcement at the annual football banquet given in honor of the team by the chamber of commerce at the Community house Monday. Three offers carrying larger salaries than he receives here were turned down by the Aggie mentor in order that he might stay with the Wildcats to help carry the stadium project to completion and turn out a championship team.

Moore Mitchell, State Manual Training school, Pittsburg; Miss Elizabeth Lincheld, Bethel college. Advisors of high school girls—Miss Kate Riggs, Lawrence; Miss Nora E. Smith, Parsons; Miss Bertha Hamilton, Emporia; Mrs. Florence K. Belding, Pleasanton.

### STAR'S ALL VALLEY TEAMS INCLUDE FOUR AGGIE MEN

Hahn on First Eleven, Stark and Nichols on Second

The all Missouri valley team as selected by C. E. McBride, sports editor of the Kansas City Star, appeared in the Sunday issue of that paper. McBride offers the teams as the composite opinions of a majority of the coaches, officials, newspaper men and other football critics.

Of the leading valley teams, Nebraska placed 12 men on the three mythical teams, seven of these men receiving positions on the first eleven. Drake placed five men on the three elevens, while the Kansas Aggies placed four, with two men receiving honorable mention.

The Aggies also placed one man on Walter Eckersall's second all western team, four other players receiving honorable mention.

The all state elevens, selected by Leslie E. Edmonds and A. G. Hill contained the names of five Aggie players, Captain Hahn being chosen as the leader.

Captain Hahn won the position of guard on the first all valley team, placed on Walter Eckersall's second all western team, and was made captain of Edmond's all state team. This great honor shows that his splendid work was recognized throughout the west. His work at guard was one of the features of the Aggies' play this year.

Nichols and Stark were placed on the second all valley team. Nichols also placed first on Leslie E. Edmond's all state team and received honorable mention from Walter Eckersall. At tackle he played a hard aggressive game, his fast charges breaking up many of the opponent's plays. Stark placed on Edmonds' second all state team and received honorable mention from Walter Eckersall. He proved himself one of the best halfbacks in the valley. A three-threat man, and a power on defense, he was always a man to be feared.

Swartz drew the quarterback position on the third team. He also made quarter on the first all state team. He played a brilliant game on the field, handled his team cleverly, and was always found in the thick of the fray.

Webber, at end, and Staib, at tackle, received honorable mention in McBride's selection. These men both possessed the fight and drive that are necessary for a winning team.

"Tom" Sebring holds down the right end position on the second all state team.

## SCORE BIG AT CHICAGO

K. S. A. C. STUDENTS PLACE IN IMPORTANT EVENTS

Animal Husbandry Department Faculty Members to National Offices—College Animals Win Prizes at International Exposition

In addition to winning third place in the students' stock judging contest of the International Livestock show, Chicago, as announced in THE INDUSTRIALIST last week, the Kansas State Agricultural college scored in four other departments of the big exposition.

Animal husbandry department animals ranked third in winnings among entrants from 18 colleges in the United States. Two members of the animal husbandry department were named as officers in national associations, meeting during the show. Three Kansas students of agricultural journalism placed among the first 20 entrants in the annual Saddle and Sirlion club essay contest, tying with Illinois and California in the number so placed. The K. S. A. C. student team ranked third in a field of eight in the poultry judging contest.

### HONOR TO WIN A PRIZE

"This year's 'International' was bigger and better than ever," said Dr. C. W. McCampbell, head of the K. S. A. C. department of animal husbandry. "This is the show where the prize winners of the various state fairs fight it out in the highest court for livestock ratings. This fact emphasizes the keenness of the competition and the honor in winning any kind of a prize at this great show."

The animal husbandry department showed only a limited number of fat sheep, fat hogs, and fat steers, but had the honor of winning two championships and several first and second prizes. Although 18 colleges and universities were competing against K. S. A. C. the final averages showed only two ranked higher in winnings. Both these institutions have received, during the past few years, liberal appropriations for the purchase of livestock while K. S. A. C. has not received appropriations for this purpose. Animals winning both championships for K. S. A. C. were raised by the college. This illustrates the fact that the college is conducting its livestock breeding operations in a practical way.

### TO NATIONAL OFFICE

Prof. A. M. Paterson was elected president of the American Dorset Sheep Registry association at the annual meeting in Chicago. Doctor McCampbell was elected president for the tenth consecutive year of the National Association of State Live Stock Registry boards.

K. S. A. C. students whose essays ranked among the 20 placed at the top of the list of 173 compositions from 18 agricultural colleges entered in the Saddle and Sirlion contest were Merle E. Goff, Manhattan; W. E. Myers, Eskridge; and W. H. Von Treba, Oswego. Mr. Goff's essay was ranked sixth, Mr. Myers' tenth, and Mr. Von Treba's nineteenth. All are agricultural students enrolled this semester in agricultural journalism, a required course for agricultural students, meeting one time a week. The essays were assigned as class work, the best compositions being selected for entry in the contest.

### POULTRY TEAM THIRD

The three members of the poultry judging team, which placed third at Chicago, were F. D. Strickler,

Hutchinson; Ben Grosse, Jamestown; and R. B. Smith, Raton, N. M. Prof. Loyal F. Payne was the team coach. Mr. Strickler was high man in judging exhibition stock for which he received a gold medal. Mr. Grosse was sixth individual and Mr. Strickler seventh individual in the entire contest.

### MUSIC DEPARTMENT GIVES LAST OF FACULTY RECITAL PROGRAMS

Miss Smith and Mr. Lindquist Close Series Sunday

In the last recital of the series given by the faculty of the music department Sunday, Elsie H. Smith, pianist, William Lindquist, baritone, and Helen M. Colburn, accompanist, appeared on the program. Their program only emphasized their previous reputations for excellency.

Each of Miss Smith's numbers was given with an almost fastidious interpretation. Her tones were distinct and full of melody and her expression showed a complete understanding and appreciation of each selection. One of the most popular numbers was the stately movement of the "German Dances" by Beethoven. The "Fantasia" by Chopin demonstrated splendid versatility on the part of the pianist, for to each movement, whether grave, dramatic, or emotional, was given real individuality. It was "Allegro Apassionato" by Saint-Saens that showed Miss Smith's excellent technique. In this composition her tones were unusually clear.

Professor Lindquist's program was proof of his being a singer of much training and skill. His first group of songs was sung in Italian, the second in French, and the last in English. Professor Lindquist has a voice of extraordinary musical quality and flexibility. Perhaps the one quality that makes him most appreciated is the personality that he puts into each song. His rendition of "Adamastor, rio des vaques profondes" from L'Africaine by Meyerbeer demonstrated fine voice control and in this song the staccato notes were especially good.

In the group of English songs, "I Have a Rendezvous with Death" by Horsfall was splendidly sung but probably no other number was more appreciated than the simple charming "Sing to Me, Sing" by Homer.

Professor Lindquist's program contained two surprising numbers. One was "Lay Low in de Wildaness" by Prof. Ira Pratt, head of the college music department. This song, a typical negro spiritual, was interesting. The other number was "Self" by Robert Gordon of the music department. This song deserves special mention both from the writer's and the singer's standpoints.

The series of recitals has been well attended and the music department has given real service to the community in offering programs of the best music by talented musicians.

### KAPPA KAPPA GAMMAS TAKE FIRST PLACE IN POP NIGHT

Chi Omega and Kappa Delta Second and Third Honors

The cup awarded for the production of the best stunt was given on the seventh annual Aggie Pop night, held December 8 and 9, to the Kappa Kappa Gamma sorority for its presentation of the stunt called "Perfection Salad." The other two places were taken by the Chi Omega sorority, second, and the Kappa Delta sorority, third. The Kappa Kappa Gamma sorority is the second organization ever to win the cup twice, the Pi Beta Phi sorority having won the prize for the second time last year.

## HEAD NATIONAL BODIES

K. S. A. C. FACULTY FOLK WIDELY RECOGNIZED

Many Hold Offices in Associations of Their Specialties—Some Stand High Internationally—Partial List Touches Most Departments

That professors of the Kansas State Agricultural college play an important role in scientific affairs of the state and nation is attested by the large number who fill important positions in organizations concerned with their various lines of endeavor. While few of the national organizations hold their meetings in Kansas, agricultural college faculty members are widely known and take an active part in different scientific associations.

### IN NEARLY ALL DEPARTMENTS

Inquiry about the college campus disclosed the fact that nearly every department has one or more members officiating in either state, national, or international organizations.

An incomplete list of offices held by faculty members follows:

Prof. J. B. Fitch, secretary-treasurer American Dairy Science association, 1922-23; Prof. L. E. Melchers, associate editor, "Phytopathology," 1922-25; Prof. Nina B. Crigler, chairman, extension section, National Home Economics Association of America; Prof. C. R. Gearhart, chairman, cow testing associations committee, National Dairy Science association; Prof. C. W. McCampbell, president, National Association of State Live Stock Registry boards, 1912-22.

### SOME HOLD TWO POSITIONS

Dr. W. E. Muldoon, president, section on general practice, American Veterinary Medical association, 1922; L. F. Payne, vice-president, American Association of Instructors and Investigators in Poultry husbandry, 1921, secretary-treasurer, same association, 1922; Prof. W. A. Lippincott, associate editor, Poultry Science, 1922, member advisory committee, American Genetics association, 1922; Prof. A. E. White, chairman, Kansas section, Mathematical Association of America, 1922.

Prof. N. A. Crawford, president, American Association of College News bureaus, 1922, secretary-treasurer, American Association of Teachers of Journalism, 1922, high chancellor, American College Quill Club, 1922-23; Prof. E. T. Keith, president, National Association of Printing Teachers, 1922-23; Prof. R. K. Nabours, president, Kansas Academy of Science, 1922, member council American Association for the Advancement of Science, 1922; Prof. F. L. Hisaw, commissioner for Kansas, of the Reptile Study Society of America, 1922.

### HEAD NATIONAL BODIES

Prof. C. P. Baker, secretary, Kansas chapter, American Institute of Architects, 1922; Prof. L. D. Bushnell, vice-chairman section on Agricultural and Industrial Bacteriology, Society of American Bacteriologists, 1922; Prof. G. A. Dean, president, American Association of Economic Entomologists, 1921, chairman, committee on policy American Association Economic Entomologists, 1922; representative, American Association Economic Entomologists on national research council, 1922; Prof. R. E. Holcombe, national president, Pi Epsilon Delta, dramatic fraternity, 1922; Prof. Eric Englund, committee on teaching, American Farm Economics Association; Prof. L. E. Call, president American Society of Agronomy, 1922; Prof. H. H. King, secretary American Biochemical society, 1922; Dean Helen B. Thompson, counselor, National Association Home Economics, 1922.



## THE KANSAS INDUSTRIALIST

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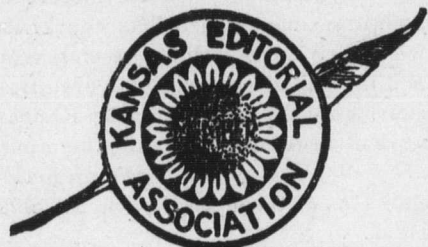
W. M. JARDINE, PRESIDENT.....Editor-in-Chief  
N. A. CRAWFORD.....Managing Editor  
J. D. WALTERS.....Local Editor  
OLEY WEAVER, '11.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

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WEDNESDAY, DECEMBER 13, 1922

### WHO ARE THE GREAT?

Is Andrew J. Volstead a greater man than was Abraham Lincoln? Does Henry Wadsworth Longfellow represent greater literary distinction than Dante? Is Thomas A. Edison the greatest scientist the world has ever known?

Questions such as these come instantly to mind when one reads the list of the greatest men in history selected by some hundreds of thousands of members of the Epworth league—fairly typical young men and women of the United States. This is the list:

Thomas Alva Edison  
Theodore Roosevelt  
William Shakespeare  
Henry Wadsworth Longfellow  
Alfred Tennyson  
Herbert Hoover  
Charles Dickens  
John J. Pershing  
David Lloyd George  
Andrew J. Volstead

The list stacks up about as follows: One distinguished inventor, who holds, however, somewhat absurd views in other fields than that of his inventions; a generally honored American publicist and president; the greatest dramatist in the history of the world; a minor American poet; a talented poet, highly provincial; however, as to both time and place; a prominent engineer, perhaps the ablest member of President Harding's cabinet; one of the leading English novelists; the ranking American general, concerning whose abilities most of us know so little about military strategy as to be competent to express a useful opinion; an English politician, considered by most of his countrymen to be hardly a statesman; the author of the federal act governing the enforcement of the prohibition amendment.

In the group, it will be noticed, are the names of no religious leaders, no philosophers, no painters, no musical composers, no sculptors, no educators. According to this list, moreover, the greatest men have invariably been found among those who speak the English language and who have lived either in England or in the United States. Furthermore, with the single exception of Shakespeare, greatness is confined to the nineteenth and twentieth centuries.

Even within this limited period, how inadequate the choices! What of Abraham Lincoln, Thomas Jefferson, John Keats, William Morris, Emile Zola, Claude Debussy, August Rodin, Guglielmo Marconi, Albert Einstein, John Stuart Mill, John Ruskin, George Meredith, Pierre Cozanne—to mention just a few names that occur readily to mind? Charles Darwin may perhaps have been excluded

from the young people's list because of a feeling that his teachings are anti-religious, but certainly he was no less orthodox than Thomas Edison.

If we take a more extended view of history, we see that in the opinion of these young people Andrew J. Volstead, Herbert Hoover, and John J. Pershing are greater figures than any of the Old Testament prophets, the Greek dramatists, the Hindu sages, the Roman state builders, the saints of the middle ages, the artists of the renaissance, the leaders of the reformation, the builders of modern political and economic thought.

What does this signify? These members of the Epworth league are average young Americans—or perhaps above-average young Americans, high school students and high school graduates. What does it mean that they have no perspective as to the past and no discrimination as to the present? For one thing it means that something is wrong with American education. These young people have no standards of judgment—and apparently no information on which to use standards of judgment if they had them. Some student of the science of education should rise and tell us just what is the matter with education that produces such results. Under such circumstances, what is the future of democratic government, of civilization itself?

### CORN TASSELS

J. H.

"Christmas is next," pants the Ozark (Mo.) Democrat, evidently just bowing out the last bill collector.

The "meanest man" has been located in Concordia. "He's the kind of a guy," explains the Blade-Empire, "who commences talking hard times before the assembled family of evenings a month before time to buy Christmas presents."

The man who boasts that he says what he feels like saying should remember that the donkey does the same things, and it sounds awful, warns the Yates Center News.

Women look over the rotogravure section to see what other women are wearing; men to see what the women aren't wearing.—Concordia Blade-Empire.

There are all kinds of stingy people, observes the Parsons Daily Republican, but the one who looks over the tops of his glasses for fear of wearing them out gets the first prize.

Our investigation of matters culinary leads us to the conclusion that the greatest crime is committed in the name of pumpkin pie, groans the editor of the Holton Signal, apparently not yet recovered from his Thanksgiving orgy.

The Atchison Globe has discovered that Sunday brings out all the ills and ailments that assail folks. "Most people are in pretty good health until about church time," muses the Globe. "Then they feel on the verge of collapse."

### BOY, PAGE POLLYANNA!

If there is nothing else, you can be thankful that triplets are rare, suggests the Altoona Tribune cheerfully.

### THE FOG

The fog tiptoes into the streets. It walks like a great cat through the air and slowly devours the city. The office buildings vanish, leaving behind thin pencil lines and smoke blurs. The pavements become isolated, low-roofed corridors. Overhead the electric signs whisper enigmatically and the window lights dissolve. The fog thickens till the city disappears. High up where the mists thin into a dark, sulphurous glow roof bubbles float. The great cat's work is done. It stands balancing itself on the heads of people and arches its back against the vanished buildings.—Ben Hecht in "1001 Afternoons in Chicago."

### EVE

Louise Townsend Nichol in *The Literary Review*

Did no one see her beautifully stand,  
Holding an apple in her upturned hand?

It was a large, pale, yellow one, I think,  
Burned on its sun-side to a dusky pink,  
Still faintly green and young, like  
Eve's own thought,  
Deep in the hollows where its stem  
was caught,  
Her brown hand curved in eagerly to hold  
Its pale and lustrous pink and green  
and gold.  
Her fingers were the petals of a flower  
Come to its opening within the hour  
And resting on its stalk of slender  
wrist  
To clasp a drop of iridescent mist  
Her so-long empty hand had found its  
mate.

In her left hand she held its lovely  
weight,  
Its satisfying shape—and then in both  
She pressed and cradled it, being so  
loath

pointed to a mistake, Mr. Baker was ready for him.

"See here," said the critic, excitedly, "notice about a pie supper at Owl Creek school—you say Thursday evening at 7:30 p. m.—where you say evening you don't need the p. m. And the other day I saw in your local column a little notice headed 'Funeral Obsequies.' Obsequies means funeral—see?"

"You found this mistake yourself?" asked the editor quietly.

"Sure I did. It kinda gets on one's nerves to see so many bad breaks in a paper."

"I always enjoy talking to an educated man," the editor answered with exaggerated seriousness. "Do you happen to remember whether it was George Washington or Thomas Jefferson who said 'Give me liberty or give me death'?"

"Jefferson, wasn't it?"

"Neither one. What American

## An Engineering Statesmanship

Cassius J. Keyser in "Mathematical Philosophy"

I propose to define engineering to be the science and art of directing the time-binding energies of mankind,—the civilizing energies of the world,—to the advancement of the welfare of man.

That conception does not represent engineering as it has been practiced in the past nor as it is practiced today. It represents an ideal which engineering will approximate more and more just in proportion as it becomes more and more humanized and enlightened. The ideal is an inspiring one; but it ought not to flatter the vanity of professional engineers; it ought rather to give them a feeling of humility. For consider its spirit and its scope.

Its spirit is not a self-serving spirit nor a class-serving spirit nor any provincial spirit; it is a world-serving spirit—the spirit of devotion to the wellbeing of all mankind including posterity.

And what is its scope? Is it confined to the kinds of work done today by professional engineers in the name of engineering? It is by no means thus confined; its scope is immeasurably greater; for, over and above such work, which no one could wish to belittle, it embraces whatever may be intelligent, humane, and magnanimous in the promotion of science, in the work of educational leadership, in the conduct of industrial life, in the establishment and administration of justice—in all the affairs of a statesmanship big enough to embrace the world.

I am facing the future, and I say "in all the affairs of statesmanship" because I do not doubt that the affairs of state,—which are the affairs of men,—will at length be rescued from the hands of "politicians" and be committed to a statesmanship because it will guide itself and the affairs of state in scientific light by scientific means.

To lose this perfect thing which she  
had found,  
Colorful, living, fair, and smooth, and  
round,  
To fit and fill her empty, hollowed  
palm  
And bring her restless seeking into  
calm.  
This apple she would keep her very  
own  
In Eden, where she had been so alone.

Even with Adam, who could never  
meet  
Her friendliness nor comprehend how  
sweet  
Was that dim yearning which she had  
for him.

Her eyes went from her hand up to the  
limb  
Which had been lightened by the ap-  
ple's fall.  
With her right hand she touched it—  
Eve was tall—  
Holding the apple meanwhile to her  
breast.  
"Being a tree with fruit," she said, "is  
best."  
Then she remembered Adam—he must  
know  
The warmth and rapture of the things  
that grow!  
Adam was different—would he under-  
stand?  
Trembling, she laid the apple in his  
hand.

### DON'T PROD THE EDITOR

The managing editor of the Daily Chronicle-Herald of Macon, Mo., William R. Baker, was formerly a school teacher, so when a man with an exultant look came in Friday, holding a copy of the paper in his hand and

city was it that gave Napoleon a big reception when Louisiana belonged to France?"

"New Orleans."

"Nope. Napoleon never was in America. Do you know how wide the Amazon is at its mouth? Do you know how many gallons of gasoline it takes to drive a Ford car from Macon to Quincy?"

"No."

"You don't? Now, I'm not bragging," the editor went on. "I just wanted you to understand that we know a few little things, even if some hurried proof reader does make a bit of a mistake now and then. And, moreover, whenever you bring me in an absolutely perfect newspaper—I don't care who prints it—you can collect from this shop \$5 for it, and we will preserve it as a literary curiosity."

When the critic had gone a cub reporter asked a question:

"Mr. Baker, how many gallons of gas does it take to run a car to Quincy?"

"Search me," returned the editor. "Ask somebody who owns one."

—Edgar White in the Kansas City Star.

Good ventilation of livestock barns, by installing outlet flues, will go a long way toward preventing diseases.

### SUNFLOWERS

H. W. D.

Clemenceau, we are still here.

Day by day  
In every way,  
We grow Coué.

This seems to be the open season on ALL football teams. Your guess is as good as ours, but ours pleases us much better. The following is suggested without offense or defense. If you wish the reasons, mail us a one-dollar bill and a stamp or something and we will try to think of some.

Center—Ben Turpin.  
Guards—Lloyd George and Senator Borah.  
Tackles—Sherwood Anderson and Ben Hecht.  
Ends—Dorothy and Lillian Gish.  
Quarter—Ring Lardner (C).  
Halfbacks—Rodolph Valentino and Prof. Tiernan.  
Fullback—Henry Ford.

Loud speakers, mechanical and domestic, should be suppressed for the duration of the peace.

Democracy is a form of government in which the best of us get the worst of it, and vice versa.

### THE HINT DIRECT

We strongly favor making this an ash-tray Christmas, our home being already overcrowded with art lamps, candlesticks, andirons and olive forks. Those who have been waiting for a long time to recompense us for all the friends we have lost by doing Sunflowers will please say it with ash trays.

The publicity bureau of the Surgeons' alliance is certainly falling down on the job. It has been almost two weeks since we have heard of a really good and bloody operation.

The flapper is also fading. Something must be done at once to revive interest in and villification of the young woman who can corrupt youth and make age act like an idiot. Just to start the thing going, we hereby offer one ten-cent piece to the person suggesting the most fitting and catchy term for the next despolier.

### WHY

Don't the people  
Who believe  
That the human race  
Is headed for the everlasting  
Bow-wows,  
Die,  
And get out of our way?

The way to be famous a thousand years hence is to prove that those who are in the majority and the saddle are Pharisees. The same course will also get you fired, suppressed, hung, or crucified, according to the degree of your honesty and your frankness.

### HE VERSE

Man proposes  
Woman accepts.

### A CHRISTMAS CAROL

I would a Christmas carol sing  
Of modern Christmas done up brown:  
In every block a church bazaar  
With things marked up instead of  
down.

Camisoles and mince meat,  
Whipping cream and whey,  
Pumpkin pie and shoe soles,  
Double price today.

Collars cute and candles,  
Handkerchiefs and bread  
Of course we ask a trifle more,  
The Aid must get ahead.

I have my Christmas carol sung,  
At daybreak I'll be shot—  
By all good folk consigned to roast  
In Hades, like as not.

### THE MORONIAD

BOOTH 2. CLARENCE

Mr. J. Clarence Pugh  
Takes two daily papers  
The Literary Digest  
Aspirin  
And the Saturday Evening Post.  
He likes historical sermons  
Frank Crane  
Mary Pickford  
And Coca-cola.

If Clarence were to meet  
An Idea  
He would go pray.



## AMONG THE ALUMNI

B. Q. Shields, '18, is living in Apartment C, 4501 Ellis avenue, Chicago.

A. E. Newman, '90, has changed his occupation from that of editor and publisher to real estate broker at Texas City, Tex.

H. A. Spilman, '03, and Mrs. Spilman, Washington, D. C., have been visiting Mrs. H. Spilman and Miss Clara Spilman in Manhattan.

F. H. Bayer, F. S., and Marie (Hammerly) Bayer, '20, write that "The Wichita alumni are getting together and planning some very interesting times for the future." The Bayers are located at 434 North Waco avenue, Wichita.

L. R. Miller, '20, engineer for the state highway commission, is now located at 1227 Western avenue, Topeka. Until recently he was a resident engineer on the Ottawa county federal aid road project with headquarters at Minneapolis.

J. J. Frey, '14, and Louisa (Dyer) Frey, '14, Route 4, Box 954, Sacramento, Cal., are doing their Christmas shopping early. They have treated themselves to active memberships in the alumni association.

J. O. Morse, '91, Mound City, includes under the heading of "not happened yet" marriages, births, deaths, promotions, changes in jobs, changes in address, trips, journeys, and visits, and other important happenings. He admits that he is county attorney for Linn county.

The trips, journeys and visits of Dr. R. T. Nichols, '99, Hiawatha, have been either professional or patriotic, according to his alumni record. He spent one week attending the meeting of the American Medical association, and three days at the convention of the American legion.

Elsie (Marshall) Munsell, '17, writes from Kamiah, Ida., to boost the climate of that commonwealth, and also to convey the information that she and George H. Munsell, F. S., are on the move now, and have an opportunity to sample the climate, as he is an engineer for the state highway commission.

Walter F. Lawry, '00, last year left the Hollinger Consolidated Gold mines, Ltd., Timmins, Ont., to work for the International Nickel company of Canada, Ltd. He is located at Port Colborne, Ont. He spent three weeks in New York and Bayonne, N. J., in the interests of his employers during May and June.

Elizabeth M. Winter, '21, checks in from San Marcos, Tex., where she is director of the department of home economics in the Southwest Texas State normal. "The part K. S. A. C. has been playing in football this season has given me a great deal of pleasure," she writes. "Yes, I'm loyal enough to rejoice over the Thanksgiving game in which T. C. U. was defeated."

"Anytime, anywhere my husband and car go," is Katharine (Winter) Hawks, '01, description of her trips, journeys, and visits. Her husband, Charles E. Hawks, F. S., is a drilling contractor, "and rough roads or muddy roads hold no terrors for us," she continues. "Three years ago we drove to the Mexican border and back. Incidentally while we were there we went into Mexico and celebrated the Fourth of July by witnessing a bull fight. We returned thankful that we live under the red, white, and blue."

### Waugh, '91, Photographer

Prof. Frank A. Waugh, '91, of the Massachusetts Agricultural college, Amherst, who is an expert photographer, has an interesting article in the Boston Sunday Herald on "Characteristic Types of Portraits." The ar-

ticle is illustrated by photographs of Amherst faculty members, who posed for him respectively as Indian, hired man, Chinaman, professor, and New England deacon. Mr. Waugh evidently delights to catch his associates in some characteristic pose and then to take a "shot," which may or may not please the subject and his wife because sometimes it is too much like him—too true to be good.

### Really Important Happenings

Can any alumni present more "important happenings" to K. S. A. C. than those given on the alumni record of Henry Rogler, '98, and Maud (Lauble) Rogler, '01, Bazaar?

"Sent Helen to K. S. A. C. second semester, will send Wayne next year. Had a Chase county alumni, former student, and prospective student picnic at our home July 16, 1922," writes Mrs. Rogler.

### Dues Well Spent

"Until I attended the business meeting of the association last summer I thought \$5 too much for active membership dues," comments Juanita Hoke, '12, Altamont. "After having heard what was done with the money I am glad to enrol," she concludes.

### Baghdigian Lecturing in Texas

B. K. Baghdigian, '16, is delivering a series of lectures before county teachers' institutes in Texas. His addresses are on "Back to Fundamental Americanism" and "Americans and Un-Americans—How We Make Them."

### Newsy Letter From Stella Mather

Stella Mather, '13, Lincoln, Nebr., secretary of the Nebraska Home Economics association, incloses with an interesting letter a check for active membership, and a program of the home economics section of the Organized Agriculture week to be held at Lincoln January 2 to 5, 1922. The program features Miss Sweeny, secretary of the Home Economics Association of America, who will speak January 4.

Miss Mather met several K. S. A. C. graduates at the Home Economics association meeting in Corvallis, Ore., last summer. Among them were Ruth Kellogg, '10, and Juanita Sutcliffe, '09. After the convention she joined a party of friends for a trip to Alaska and British Columbia.

### Sends Police Court Record

B. H. Pugh, '92, Topeka, a manufacturer of auto specialties, submits the comment that he has had no urgent request to change his address. However, his "Other important happenings" seem to imply that he should move closer to the business district. The other important items are—

Speeding .....	\$10
Spotlight .....	\$10
Wrong Parking .....	\$10

The record is compiled from police court files. And he says that he makes no trips except the habitual two per day—to work and from work.

### Miss It and Be Sorry

C. M. Willhoite, '22, who is in charge of the arrangements for the McPherson county K. S. A. C. meeting December 15 asserts that Aggies who miss the meeting will be sorry. The meeting will be held at the McPherson high school building. "Swud" Lawson, '07, general manager of the event, promises those who attend a good time and some worthwhile information.

### Zimmerman, '98, Stays in Nights

Fred Zimmerman, '98, cashier of the Cheney State bank, Cheney, believes that the most important happening for him during the past year has been that he has quit staying out nights.

## CHICAGO AGGIES DINE— BOOST STADIUM DRIVE

Members of K. S. A. C. Classes from '86 to '23 Have Regular Pep Meeting at Annual Banquet

K. S. A. C. must have a stadium! Grads attending the annual banquet of the Chicago alumni club on Thursday evening, December 7, responded with cheers when Dr. C. W. McCampbell, '06, B. M. Anderson, '16, and Ray B. Watson, '21, made the statement. Inspired with the same brand of pep that had urged different Aggie teams to "twist the Tiger's tail" or "pluck that Jayhawk bird," they swung into the old Aggie yell and followed it with "Glory, Glory, Hallelujah! We are marching on!" There were more cheers—not perfunctory, but of the regular pep meeting variety—when they were told that Doctor Jardine is a "real" president and that the Aggies have "the greatest football coach in America."

The evening was just that peppy. Unless you brought yourself down to earth, it was hard to realize that the event was taking place in the club rooms of a Chicago office building and that just a little while before, with the customary cynicism of a Chicagoan and a journalistic nose on duty, you had noted that the elevator operator had partaken of his daily allowance of garlic. But up there on the eleventh floor, it required little imagination to coast back through a few years and put yourself on the college "hill" again. The year or the division did not count for much for there were not many gaps in the representation of the years from '86 to '23.

### FAMILIAR NAMES SPOKEN

These people were talking "K. S. A. C.," "Aggie team," and "stadium." Familiar names were floating in the air from every side—Nichols, Waters, Ahearn, Jardine, Willard, Walters, Dean Thompson, ad infinitum. There was unloosed a flood of memories—neither, dusty nor moth eaten—memories that always will be tucked away nearest the heart. Truly, the spirit of the "hill" was there. Everyone seemed just bustin' to reminisce about "away back when" and everyone else within ear shot was eager to listen.

Five members of the class of '95 stood and challenged any other class to present a larger number. One family of five engineers of the class of '22, who maintain their own apartment at 232 North Latrobe avenue, met the challenge and five other members of the same class doubled it. The class of '16 answered with six members present and the class of '21 equalled the '95 representation.

### ROBERTSON TOASTMASTER

Up there at the head of the "K"—the table was arranged that way—was David G. Robertson, '86, president of the Chicago club since its organization, whose law office has been a clearing house for information about K. S. A. C. people for these many years. Over at the end was Ralph Snyder, '90, "the only dirt farmer in the bunch." Farm bureau and politics are only his pastime. He said he felt very much embarrassed. And at the right of David G., the aforesaid Scottish master of ceremonies, was a good looking young lady who holds the love and admiration of an inestimable number of former grads. You couldn't guess wrong—same brand of happiness, smile—and everything—Estella Boot, former English faculty member, who is working for a Ph. D. (She confided that she was "sweating blood" writing themes now-a-days, if that will be a source of satisfaction to anybody.)

Down there at the far end of the "K," that fellow with the contagious brand of enthusiasm and the big smile that never wears off—the one who started the singing—"Pull your shades down, Mary Ann"—was

Charles P. Blachly, '05. And off there in the corner was Harlan Sumner, '16, and Jay Lush, '16, (where is Jo Sweet—and Mary?) who started up with "Ma, he's making eyes at me," in response. And right in the middle of the room, the handsome young chap who bounded upon the table and led the Aggie cheering? Sure! Ray Bates Watson, the Aggie Olympian sprinter. The quiet, serious like alumnus who joined loudest in the demonstration is one whose editorial opinions carry more weight than any other in the agricultural field—Floyd B. Nichols, '12, managing editor of the Capper farm publications.

### AGGIE GIRLS PRESENT

The ladies? They were there! You couldn't tell Alyce Carter and Vera McClellan, '21'ers, from Chicago flappers. The bright and shining faces of Rose Baker, '17, and Florence Justin, '16, recalled many a hard battle they had fought to uphold Aggie laurels in debate. They're working for masters' degrees. Selma Nelson, '12, hospital superintendent; Rose Straka, '18, hospital dietitian, and Dr. Chloe M. Willis, '09, (note the "Dr.") show the kind of stuff the Aggie girls are made of.

There were others there—dozens of them—but only one lone reporter who had a big job of visiting to do himself. Something would be missing, however, if we did not acclaim to all the world that J. C. Holmes—the Aggie gridiron's own "Jake"—was among those present. He was going to catch a train every few minutes and thus avoided making a speech, but he was there until the lights went out. And a Blizzard, '10, blew in from Oklahoma. Every story he told was different from those that are burned into the memory of former "A. H." students. The best one was—but Oley wired to "hold it to 500 words." Anyway, when he got through, Gertrude (Lyman) Hall and Mabel (Crump) McCauley, '97'ers, varied the program by starting up "Jingle, Jingle Bells."

Did we have a good time? Did we! Among those who should shed tears of chagrin and repentance, the following names were mentioned at the affair: Harlan Smith, '11; Clementine Paddleford, '21; Harold Snell, '17; Ivar Mattson and wife; L. G. Alford, '18, and Helen (Dawley) Alford, '20; W. A. Lathrop, '15, and wife; L. B. Mann, '15, and Agnes (McCorkle) Mann, '17; and Horace Williams, '17, and—well, not yet.

### PERFECT ORGANIZATION

There was a note of intense seriousness in the voice of Floyd B. Nichols when he made a plea for a strong alumni association, an association that will bind the graduates together and lend their combined enthusiasm and support to furthering the progress and ideals of their alma mater. "The alumni association can be no stronger than the average member," he said. "The alumni must act as the board of directors of a commercial organization and each must consider himself an employee, anxious to promote the best interests of the association and the college on the 'hill.'" The plea was most appropriate, for Ray Watson had just finished reading a communication from Oley Weaver, executive secretary of the alumni association, in which he had urged Chicago alumni to perfect a strong organization.

When the speeches were concluded Chairman Robertson appointed a nominating committee to present candidates for officers for the coming year. Ray Bates Watson, president; Charles P. Blachly, vice president; and Rose Straka, secretary; were suggested and unanimously elected. Moreover a constitution and bylaws were adopted, and the machinery for a stronger organization now is ready. The election was followed with three rousing cheers for David G. Robertson, the wheel horse of K. S. A. C.

(Concluded on page four)

## ALUMNI AT WICHITA ORGANIZE FOR DRIVE

George Hewey, '21, to Head Stadium Campaign Committee—Officers Named at Banquet

At the alumni banquet in the Hotel Lassen Saturday evening, December 9, Wichita and Sedgwick county alumni effected a local organization, elected officers, and chose a chairman for the stadium campaign.

Dr. R. V. Christian, '11, was chosen president of the alumni association; A. W. Boyer, '18, vice president; and Florence Mather, '21, secretary-treasurer. George Hewey, '21, was elected to head the stadium campaign committee.

Dean R. A. Seaton, '04, addressed the 55 Aggies present, giving them information about the memorial stadium. Oley Weaver, '11, executive secretary of the Kansas State Agricultural college alumni association, explained methods for and need of organization.

### Scott, '08, Points with Pride

John M. Scott, '03, Gainesville, Fla., believes that the University of Florida team "made a mighty good showing against Harvard." He is also proud of the fact that the Alabama "Rats," the freshman team, have not been defeated this season, and that the Gainesville high school team has yet to lose a 1922 game.

Further causes for expansion of the Scott chest are that the animal husbandry department of the U. of F. took 18 head of cattle to the state fair, and came home with 21 ribbons and \$370 in cash. He considers the showing made a good one, as this was the second appearance of college stock at the state fair.

### Coloradoans Plan Meeting

Walter Olin, '89, and G. C. Wheeler, '95, both of Denver, are making medicine for a meeting of Colorado alumni in Denver during the annual stock show. The K. S. A. C. animal husbandry professors, and the members of the student judging teams, and other Aggies who attend the show will be the guests of the Colorado group at the meeting.

### Attention, Californians!

Kansas Aggies living in central California plan to get together Friday evening, January 12, at the Claremont hotel, Berkeley, Cal., for a banquet. Price \$1.50 per plate. Dress, informal. Those planning to attend please write V. C. Bryant, '09, University of California, or phone him, Berkeley, 1643W. Alumni or former students in California whose presence is not known should use this banquet as an opportunity to renew old ties. Those going from San Francisco should take the Key route ferry, then a Claremont car to the end of the line.

## MARRIAGES

### ANDERSON-BARNARD

Mr. and Mrs. F. A. Anderson, Kinsley, announce the marriage September 15, of their daughter, Bertha Caroline Anderson, '18, to Ira B. Barnard, Trinidad, Col.

### MOWRY-ALBRIGHT

Miss Louise Mowry, public school music, '22, was married to Mr. James H. Albright, '22, Sunday, December 10, at the home of Mr. and Mrs. Ward W. Husted, St. Joseph, Mo.

### Doctor Buchli, '84, a Visitor

Dr. Bartholomew Buchli, '84, of Alma, was a college visitor Saturday, December 2. He was especially interested in the new animal hospital and the west wing of the agricultural building, now in process of construction. Doctor Buchli owns a ranch of 3,000 acres six miles south of Alma.



## EXPECT MORE STUDENTS

### GROWTH IN INSTITUTIONAL MANAGEMENT WORK ANTICIPATED

New Cafeteria Offers Greater Opportunities for Giving Instruction—Graduates Who Majored in it Successful—Field Is Varied

Institutional classes in the home economics division are proving more popular each year, and with the completion of the new cafeteria, it is expected that next semester's class will be several times as large as the class this semester. The field of work for which members of these classes are being prepared is varied. The class work prepares students to direct cafeterias and tea rooms, to be dietitians, or to be heads of hotel dining rooms.

#### GRADUATES SUCCESSFUL

K. S. A. C. has a number of alumni who have outstanding positions as dietitians and in tea room and cafeteria work. The department receives more requests for graduates than it can fill.

Members of the class of '22 who chose institutional work as their electives are succeeding in the work. Marguerite Bondurant is assistant director of the Innes Tea room in Wichita. Ruth Peck was assistant director of the Y. W. C. A. cafeteria at Salt Lake City but at present is with the Y. W. C. A. cafeteria at Hutchinson. Marion Chandler is assistant director of the work in the Y. M. cafeteria at Tulsa, Okla. Carol Knostman is teaching in Bethel college and directing the dining room.

#### IN GOOD POSITIONS

Graduates of the class of '21, who took their electives in institutional work, have been successful in practicing their vocations.

Vinnie Drake, assistant director of the K. S. A. C. cafeteria, was director of the food unit in the Y. W. C. A. residence in Dallas, Tex. Alice Mustard is a member of the faculty at Washington State college and directs the cafeteria work. Gladys Ady was in Salt Lake City but is now managing the Y. W. cafeteria at El Dorado.

Charlotte Ayers has been managing the Topeka Y. W. cafeteria since she left school. Elsa Ann Brown is at the head of a tea room in Hastings, Nebr. Florence Mather is directing the work in the Y. W. cafeteria in Wichita. Ursula Senn is head dietitian in the Buffalo City hospital in Buffalo, N. Y. Esther Wright is head dietitian in the Shreveport Charity hospital at Shreveport, La.

### KAW VALLEY SPUDS TAKE HONORS AT MIDWEST SHOW

#### Kansas Products Score Four Firsts And a Third

Five Faw Valley sweet potato exhibits entered at the Midwest Horticultural exposition, Council Bluffs, Iowa, won four first premiums and one third premium. The exhibits were entered by E. A. Stokdyk, extension plant pathologist at the Kansas State Agricultural college, and were collected from the farms of A. W. Travis of Manhattan, Clifford Pine of Lawrence, and Charles Speaker of Kansas City, Kan.

First premiums were won on Yellow Jerseys, Nancy Halls, Porto Ricos, and Southern Queens. A third premium was won on the variety collection. The exhibitions were the pick of those at the Kansas Potato show, Topeka.

### NICHOLS WILL LEAD WILDCATS THROUGH 1923 FOOTBALL YEAR

#### Aggie Tackle Elected Following Chamber of Commerce Banquet

R. M. Nichols, Oskaloosa, is to be captain of the next year's football team. He was elected after the chamber of commerce banquet Monday night. Nichols has played two years with the Aggies at left tackle. Although he weighs only 175 pounds, his ability to out-think opponents and

his habit of keeping in splendid physical condition has earned him a place among the best linemen in the conference. He was placed on all Missouri valley teams by each of the sport writers of this section choosing a mythical eleven. He takes the place vacated by Captain Ray Hahn who will be graduated in June.

More than 300 attended the football banquet to pay tribute to the winning football teams of the college and the high school. Each team lost but one game during the season. An appreciation of his sportsmanship and coaching ability was presented to Coach Bachman by S. A. Bardwell, president of the chamber of commerce.

### FOUR STUDENTS INITIATED INTO COLLEGE QUILL CLUB

#### Local Organization Has Full Quota of 30 Members

Mrs. Blanche Forrester, Manhattan; C. R. Smith, Herington; Helen Corriell, Manhattan; and Lucy Jewell, Manhattan, were initiated into Quill club Monday evening. Prof. H. W. Davis was master of ceremonies at the initiation which was held in Kedzie hall.

The local chapter of Quill club has 30 members, the maximum number of active members allowed for any chapter. The active members are Jessie G. Adey, Wells; Dady Barnett, Manhattan; Leone Bower, Manhattan; Osceola Burr, Manhattan; Prof. Walter Burr; Victor Blackledge, Junction City; Prof. N. A. Crawford; Prof. H. W. Davis, Mrs. E. V. Floyd, Manhattan; Annabelle Garvey, instructor in English; Prof. George Gemmell; Harold Hobbs, Manhattan; Josephine Hemphill, Clay Center; R. C. Nichols, Buffalo; Helen Norton, Chanute; Izil Polson, instructor in industrial journalism; Mary Polson, instructor in clothing and textiles; Sylvia Petrie, Pratt; Prof. C. E. Rogers; Edna Russell, Manhattan; Prof. Ada Rice; Morse Salisbury, El Dorado; S. C. Swenson, Manhattan; Mrs. Sarah Ulrich, Manhattan; John C. Wilson, Manhattan; Melba Stratton, Udall.

### CHICAGO AGGIES DINE—BOOST STADIUM DRIVE

#### (Concluded from page three)

alumni organization in Chicago. His office will continue to be the headquarters for new arrivals in the city and visiting alumni who want to get acquainted. (Consult the Chicago telephone directory.)

#### AMONG THOSE PRESENT

The roster compiled at the banquet shows the following alumni present: David G. Robertson, '86; Jane C. Tunnell, '89; Ralph Snyder, Ellsworth T. Martin, '90; P. C. Wilner, '91; J. V. Patten, B. W. Conrad, Horentensia (Harman) Patten, T. W. Morse, E. H. Freeman, '95; Mabel (Crump) McCauley, Gertrude (Lyman) Hall, '97; C. P. Blachly, '05; Edna (Brenner) Snyder, C. W. McCampbell, R. R. Birch, '06; Dr. Chloee M. Willis, '09; W. L. Blizzard, Ruth (Elliott) Wolf, '10; Ella Nelson, H. H. Barbecke, '11; Selma E. Nelson, Floyd B. Willis, J. C. (Jake) Holmes, L. E. Willoughby, '12; Geo. E. Werner, '14; Florence Justin, Edith (Boyle) Werner, Harlan R. Sumner, G. W. Putnam, B. M. Anderson, Jay Lush, D. C. Tate, '16; Rose T. Baker, Reed Weimer, Leo C. Moser, '17; Edith (Findley) Tate, Rose Straka, B. J. Shields, '18; H. G. Schultz, J. A. Cook, W. T. Foreman, '19, Alyce Carter, Vera McClelland, C. L. Zimmerman, Ray B. Watson, Lucile C. Hartmann, '21; W. H. Koenig, A. J. Brubaker, H. W. Lasson, A. C. Dupuy, J. M. Miller, C. Zimmerman, Clara Evans, H. S. Ney, G. H. Reazin, P. M. McKown, H. W. Larson, M. C. Watkins, '22; Lewis M. Knight, C. G. Russell, '23; Lillian C. Baker, L. J. Dixon, F. S.; Estella M. Boot, former faculty.—L. C. M.

A tasty dish is chocolate pop corn, made by pouring a chocolate syrup over freshly popped corn.

## BRAIN WORK NOT WORK

### SCIENTISTS UNABLE TO MEASURE ENERGY TRANSFORMATION IN IT

Dr. Helen B. Thompson Agrees Hour's Thinking Can Hardly Involve as Many Calories as one Good Yawn—Reads Science Club Paper

"Brain work is not work in the sense of measurable transformation of energy which varies with the weight of thought. The whole nervous system including the brain is small in comparison with the total weight of the body. It may be that brain work does involve energy transformations, but our instruments are not delicate enough to show this. So far as we now know, however, the Brewsters are correct when they say in their popular discussion of the 'Measure of Human Work' that 'an hour's thinking can hardly involve so many calories as one good yawn at the end.'"

Thus did Dr. Helen B. Thompson, dean of home economics, discuss the relationship of food to work and food to the well being of the human being in general in a paper entitled "Three Square Meals a Day" read before the Science club at its December meeting. Other abstracts from the paper follow:

#### "CALORIE" A JOKE WORD

"The study of calorie values of foodstuffs and of the calorie measure of physiological work has been scientifically exact, yet it is in the selection of food representing the energy requirements that mankind can safely trust to his instincts. That is, because of our physiological demands for energy, we come nearer to selecting day by day the right total energy than the right assortment of nutrients. But take the world over, the total energy needs are badly met. Poverty limits the food supply, false standards and peculiar habits may influence toward the wrong choice. It is easy to keep one's plane of nutrition above or below the optimum for work and health.

"The knowledge of the potential energy of food materials is spreading rapidly. The children learn the word nutrition at school; surplus energy and body weight are being discussed in all circles; the humorist employs the word 'calorie'—when he does not prefer vitamine—in all his best jokes. There is something humorous about calories.

#### SELECT WHAT YOU LIKE

"People of assured incomes and established social positions usually consume too many. The fact that we are not all obese gives no proof of self restraint. We may have been made sick often enough to teach moderation. We have always laughed at the fat man for he is usually willing to join in the laugh and we shall soon be able to laugh at the fat woman for she is beginning to take herself as a joke since she has been reading 'Diet and Health with Key to the Calories.'"

"I have not urged the inclusion of cabbage or the exclusion of pie from the daily dietary. The more our knowledge is extended, the more we realize that safety lies in variety of food with less cooking than our grandmothers did. It is wise to select food you like to eat provided those foods are wholesome for you and are cooked by methods suitable to the substances contained. Whether fried, fricasseed, or a la mode, served cafeteria style, or by the expert waitress foods should be selected to supply the physiological needs of the body and the teaching of correct food habits to children should be regarded as a task of no small importance by the adults of the family."

### BACHMAN'S FOOTBALL MANUAL GOES INTO SECOND EDITION

Work of Aggie Coach Is only H. S. Book on Subject

A second edition of Coach Charles Bachman's football manual for high

schools is being planned by the author. The first edition has been exhausted.

Orders for the manual have been received from coaches throughout the middle west and from other sections of the United States. One order came from Hawaii. A high school coach at Champaign, Ill., the seat of the University of Illinois, sent an order for a copy of the manual.

Bachman's book is the only high school football manual on the market. It incorporates a simplified system modeled after that of the Kansas Aggies, which in turn was modeled after that of Notre Dame, Bachman's alma mater.

### UNITY NECESSARY FOR TASTEFUL FURNISHINGS

Miss Araminta Holman Discusses Essentials of Tasteful Decorating and Home Furnishing

"The wall paper that is more interesting than the hostess is really impertinent," said Miss Araminta Holman, head of the department of applied art at K. S. A. C. recently. She developed the thought, enabling a reporter to present additional ideas concerning taste in household furnishings.

Furnishings may be done artistically without following rigidly all rules of art, according to Miss Holman, but there are a few principles which must not be discarded. There must be fitness, proportion, simplicity, harmony, and durability. There should be a key of color to which all tints should bear relation.

Pictures hold a foremost place in the decoration of a house, and few of us know how or where to hang pictures. There are those who think that the purpose of pictures is purely utilitarian—to cover up spots on the wall paper. Some consider merely that a picture is a picture and therefore to be hung. We should select our pictures as we do our books—for the pleasure and inspiration we receive from them. Pictures should be chosen with an eye to color or harmony and line arrangement and a general fitness for the room in which they are to hang.

"Carpets are also important in the furnishings of the tasteful home. In choosing carpets, select those which are good in design. Carpets that have large, separate spots of strong color are bad. Carpets covered with naturalistic designs of roses are not pleasing. The simple old fashioned carpets which have little definite design are among the best. Rugs should be few in number and rich and quiet in color," said Miss Holman.

"The treatment of the walls plays an important part in the final effect of a room. Large, pronounced figures and all strong contrasts of light or dark or conflicting colors should be avoided.

"Above all, a room must have unity. The things in a room must have their proper relative positions. The people are the most important, then the pictures, after that the furniture and lastly the walls and floors. In a true home every room should be a living room. Every room should be usable and there is no place in the modern home for rooms set aside for company, full of ghostly furniture and kept only for show. It is not the richest house which is the most hospitable and no one need be discouraged in the attempt to be hospitable by want of money. Those of small means have the power to give themselves, and so exercise the true spirit of sincere hospitality.

### "EDITORS ARE WATCHMEN ON THE TOWERS OF ZION"

They Should Never Run for Office, McColloch Says

"Editors are watchmen on the towers of Zion, not law makers nor political executives, and no editor should ever run for office," declared R. P. McColloch of the Manhattan Chronicle in an address before the K. S. A. C. industrial journalism department Monday.

## TELLS HOW DAIRYING IN WINTER WILL PAY

J. B. Fitch Gives Address on Subject by Radio Through Kansas City Star

"We have heard much of late about the serious condition of our farmers and it is true that prices of farm products are seriously out of line as compared with the things the farmer has to buy," said Prof. J. B. Fitch, head of the Kansas State Agricultural college dairy department, in an address broadcasted by the Kansas City Star Saturday. "The farmer with his investment, long hours of work, and uncertainty of obtaining a crop is getting less for his work than men in other lines of work without a dollar invested.

"This condition of affairs has caused many farmers to make changes in their system of farming and in general the tendency has been to work out a more diversified plan based upon a more general use of livestock. The farmers who have had a few cows to milk, some eggs to sell, and a few hogs have gone through these adverse times better than other farmers who have not had time for these minor enterprises. This fact is causing farmers to pay more attention to dairy farming as a permanent and profitable system of farming.

"Dairy farming is becoming more general for the following reasons: dairy farming builds up soil fertility; small capital is needed; daily cash income; turns waste labor during winter into cash; turns waste feed into cash; only available source of income; market for home grain feeds.

"Winter dairying fits in admirably with our system of farming and especially with wheat farming. It is said of the wheat farmer that he takes a nine months' vacation each year and this is too close to the truth to be a joke. At any rate many have admitted that it is pretty hard to account for the manner in which they spend their time during the winter months. Farmers who have the gumption to milk cows during the fall and winter will find a means of paying their living expenses, and perhaps get ahead a little by selling cream.

"Go into any farming community and talk with the bankers and they will name several farmers that have done this very thing. These men do not worry about obtaining credit. Winter dairying turns waste feed and labor into cash and may change a farm without any source of income during the winter to one on a self supporting basis."

### KANSAS AGGIE CALENDAR IS OFFERED FOR SALE BY 'Y.'

Designed As Christmas Gift—Printed in College Shop

A Kansas Aggie calendar, original and attractive in design, is being offered for sale by the Young Men's Christian association of the college. It is intended primarily as a Christmas gift.

The calendar, which is 8 by 10 inches, has a purple leather cover, embossed with the college seal and the words, "Kansas Aggies." Within are seven views of the campus, each on a separate page. Interspersed is an artistically designed 1923 calendar. The printing is in two tints of brown on heavy cream stock.

The idea for the calendar was originated by Dr. A. A. Holtz, secretary of the Y. M. C. A. The designing was done by Prof. Edgar T. Keith. The leather cover was made by the Union Bank Note company, while the printing is the work of the college department of industrial journalism and printing.

The largest yield of wheat ever recorded was 117.2 bushels per acre. It was produced on an 18 acre field in Island county, Washington, in 1895.



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## HONOR TO LOUIS PASTEUR

PEOPLE OF FRANCE TO CELEBRATE CENTENARY OF HIS BIRTH

Will Observe Dec. 27—Tribute Paid Great Scientist in Article by Dr. L. D. Bushnell, Head of K. S. A. C. Bacteriology Department

The centenary of the birth of Louis Pasteur, father of bacteriology and one of the greatest experimental scientists the world has known, occurs December 27. The following article, by Dr. L. D. Bushnell, head of the department of bacteriology in the Kansas State Agricultural college, tells of Pasteur's life and work.

Louis Pasteur is known to the world for his epoch making discoveries. The story of his life is among the most fascinating in the history of science. As a man he was one of the most beautiful personalities the world has ever known. It has been said of him that he was the most perfect man who ever entered the kingdom of science.

Pasteur was born at Dole, in the Jura district of France, December 27, 1822. His father was a tanner. At an early age Louis moved with his parents to Arbois where he attended primary school and Arbois college.

### BOYHOOD UNEVENTFUL

His boyhood was uneventful. His chief pleasure was making portraits of the notable characters of the village. In later years his friends objected to his becoming a mere scientist when he might have become a great artist.

In 1838 he started for Paris to perfect his education. The difficulty of the trip and the loneliness of the great city discouraged him completely. He said to a friend, "I should get all right if only I could smell the tan yard." In the end, his father brought him back to Arbois.

### GIVES SELF TO STUDY

Later he returned to Paris and in 1843 passed his examinations for the Ecole Normale, the great training school of that city.

From that time he gave himself to the study of chemistry and physics and soon became interested in crystallography. By his studies on atonic dissymetry of tartaric acid and the tartrates he laid the basis for the modern science of stereochemistry.

Because of his discoveries he was appointed professor of physics at Dijon, but disliked the place very much and was later made professor of chemistry at Strassburg. In 1854 he accepted the position of dean of the faculty of sciences at the University of Lille. During his introductory address to the students in technical science, he said:

### PURE SCIENCE EXTOLLED

"Without theory, practical work becomes mere routine by force of habit. Theory, and theory alone, can stir and develop the inventive spirit. Your business, your special business, must be to have nothing in common with those narrow minds that despise everything in science that has no immediate application."

In 1857 he returned to Paris in charge of science teaching in the Ecole Normale. Here he began an intensive study of fermentations, in which he had been interested for a number of years. In order to control his experiments he introduced sterilization, at temperatures above that of boiling water, by means of steam under pressure. This method is now the chief method of sterilizing canned foods. During these studies he discovered an organism that was killed by being exposed to the free oxygen of the air—a new and startling fact.

Thus he classified microorganisms

into two groups. Those requiring the presence of oxygen of the air, he called "aerobes." Those requiring the absence of oxygen of the air, he called "anaerobes." Pasteur became involved in many long and bitter controversies upon the nature of fermentations and the spontaneous generation of life. It was probably the opposition which his work received, as much as anything else, that caused him to prove all his points by experiment. As an example of his persistence, he worked 13 years to improve a medium for growing yeasts.

From the work on fermentation, Pasteur developed the germ theory of fermentation and decay, which later led to the germ theory of disease. This theory laid the basis for Lister's great work on aseptic surgery.

### WORKS WITH WINE

About this time he became engaged in a study of the "diseases" of wine, and vinegar, and in 1866 he made an exhaustive report of his work. He had found a method of controlling vinegar fermentations that has since been followed—with great improvement to the industry.

The practice of heating wines for a short time to destroy the undesirable organisms present, soon came into general use, and the term "pasteurization" was given to the process in honor of the author of the method. Pasteurization is now in common use in this country in the market milk industry.

For six years he devoted himself to a study of the diseases of silkworms that had ruined the industry in France. Through his work the sale of cocoons from the imperial villa returned a net profit of 26,000,000 francs. For 10 years previous the silk harvest had not been sufficient to pay for the cost of the eggs.

### STUDY OF ANTHRAX MADE

Among other problems Pasteur made a study of anthrax, a disease common in France, and causing heavy losses of domestic animals. He made a vaccine that is extensively used with little change even today. The final test of the vaccine before the Society of Agriculture at Pouilly-le-Fort was one of the outstanding events in the history of bacteriology. A great crowd gathered—counsellors, generals, farmers, physicians, pharmacists, journalists, and veterinarians, together with some of Pasteur's colleagues. Nearly everyone was skeptical of the results. Forty-eight hours after receiving the fully virulent virus, 22 of the 25 non-vaccinated sheep were dead, two were dying, one was sickening. Of the 25 vaccinated and 10 control sheep (that received neither vaccine or virus), all were normal. Of the four non-vaccinated cattle all were very sick, but the six vaccinated cattle were entirely normal.

### DISCOVERS RABIES CURE

Even before the final test on his anthrax vaccine Pasteur was at work on rabies. From his previous work he had become an expert at handling disease producing microorganisms, of maintaining their virulence, or causing them to lose their virulence and become attenuated. Although he was never able to find the cause of rabies he succeeded in preparing a vaccine from the dried spinal cord of a rabbit suffering from the disease. The Pasteur treatment for rabies has reduced the mortality for this disease to less than 1 per cent. This work brought Pasteur his greatest honor and a great institute was constructed in Paris and named for him. Pasteur had now become old and

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## HEAR GOVERNOR-ELECT

STUDENTS OF K. S. A. C. ADDRESSED BY JONATHAN DAVIS

Nothing in Program of State's Future Executive to Hurt K. S. A. C. or Any Other School, He Declares Here

Only by joining all the forces of citizenship, and not by partisanship alone, can the problems of today be solved, Jonathan Davis, governor-elect of Kansas, emphasized in an address at Tuesday's student assembly of the college.

He reiterated his declaration made at Emporia last week that there was nothing in his program that would "hurt the prospects of this or any other school," but declared that the overhead of government expenses must be reduced by getting rid of useless boards and commissions. Changes in the tax laws were advocated by the speaker. A law enforcement for the tax dodgers as well as for the bootlegger, he said, was necessary.

### TAX REDUCTION NECESSARY

"The tax dodger who keeps \$50,000 from the state, which lawfully belongs to it, is as much an enemy of society as the bootlegger," he asserted.

"Practically, our problems in Kansas are the reduction of expenses in government, which have grown enormously in the last 10 years," he declared. "This increase has been without adequate and corresponding increase in population. Since 1915 we have advanced in expenses 250 per cent with an increase in population amounting to less than 8 per cent."

### MUST LIGHTEN BURDEN

"There must be some lightening of the burdens of both taxes and transportation charges, and some method of marketing developed that will protect the producer from the charges of excessive and uneconomical distribution. Above all, we need a renewed and advanced idea of our dependence on each other and our obligations of common citizenship to maintain and advance the great ideal of government under which we exist."

Declaring that the "perils of peace are as great as the dangers of war," and discussing means of correcting evils, Mr. Davis added:

"America is on the bridge, as it were, between the old and the new, with the lashing whirlpools of passion, prejudice, unrest, discontent, and isms of various sorts around, about and beneath us, threatening to engulf our country. The condition is sufficiently critical to make it a time for action without regard to partisanship, for whatever remedies or adjustments we seek and find, if they are truly beneficial, must be drawn from the combined wisdom of our citizenship."

### "COLLEGE CLOSE TO FARMER"

Mr. Davis said further:

"In the care for the development of the resources of the state there can be no minimizing of the importance of the agricultural college, which stands nearest to the source of Kansas' greatest productive industry, that of farming. Not the least among the resources of the state are the boys and girls, or young men and young women, who are coming on to take up and carry on the activities of production."

"We have developed a very extended and complex industrial system and attained to a very high standard of living, very much higher than any people ever attained to before, in the world. This is indeed

the billion dollar age. We have expanded the sum total of our valuations until we think and speak in millions and billions, as against former times when we talked and thought in thousands and millions. There is much agitation and confusion of thought as to how we are to be relieved from our present situation. We are, as it were, in a period of chaos, with all the processes of our industry and commerce disjointed and disconnected from the

(Concluded on page four)

## TRACTOR SHORT COURSE BEGINS HERE JANUARY 2

Aims to Teach "Motor Sense" to Farmers—Instruction Will Continue Eight Weeks

Farmers have always been credited with having "horse sense", but they have had to acquire their "motor sense" during the past 10 or 15 years, according to Prof. H. B. Walker, head of the department of agricultural engineering in the agricultural college. It is his opinion that in the operation of the tractor, "motor sense" is just as important as "horse sense". For this reason, the department, believing that intelligent tractor operation must be backed up by a real motor sense, has offered a special short course in tractor operation. The date for enrollment in this course is January 2.

The instruction, which covers a period of eight weeks, will include practical work in all details of tractor operation. Work will be given also in belt lacing, babbitting, soldering, rope work, and the use of power farming equipment. Upon the completion of the work, the student will be given a certificate as a tractor operator.

## MU PHI EPSILON, NATIONAL MUSIC SORORITY, INSTALLS

MacDowell Club at K. S. A. C. Gets Charter

The MacDowell club, girls' honorary music organization, has become a national chapter of the Mu Phi Epsilon, music honorary sorority, and was installed Tuesday by Miss Persis Heaton of Indianola, Iowa, national president. The club was organized to encourage scholarship and to promote professional interest in the music department four years ago. The charter for the national chapter was granted last summer at the national biennial convention held at St. Louis.

Mu Phi Epsilon student members are Frances Allison, Florence; Eunice Anderson, Phillipsburg; Marguerite Brooks, Hutchinson; Georgia Daniels, Wichita; Elizabeth Fraser, Manhattan; Mabel Gearhart, Manhattan; Mary Gerkin, Garrison; Ethel Hassinger, Parsons; Clara Higdon, Talmage; Ella Howard, Clay Center; Arilla Merrill, Manhattan; Mabel Murphy, Nickerson; Orpha Russell, Manhattan; Mildred Thornburg, Manhattan; Leola Wallace, Villisea; and Lavina Waugh, Oskaloosa. Faculty members are Helen Colburn, Edna Ellis, Helen Hannen, Gertrude Rosemond, Elsie Smith, Mable Smith, and Gladys Warren.

These are the Mu Phi Epsilon officers—Mable Murphy, president; Arilla Merrill, vice president; Orpha Russell, recording secretary; Mary Gerkin, corresponding secretary; Marguerite Brooks, treasurer; Elsie Smith, faculty advisor.

False wireworms were much more seriously abundant than usual in October in western Nebraska, Kansas, and Oklahoma. In the vicinity of Big Spring, Deuel county, Nebr., hundreds of acres of unsprouted wheat have been destroyed while lying in the dry soil.

## GETS HIGH DISTINCTION

DOCTOR HELEN B. THOMPSON ON MASSACHUSETTS SURVEY

K. S. A. C. Home Economics Dean Selected by Dr. George F. Zook to Investigate Women's Work in State's Institutions

Dr. Helen B. Thompson, dean of home economics in Kansas State Agricultural college, left last week for Massachusetts where she will assist in an educational survey of institutions in the state being made at the



DR. HELEN BISHOP THOMPSON

request of the Massachusetts commissioner of education. The work will be finished by the middle of January. Doctor Thompson was appointed to assist in the survey by Dr. George F. Zook of the United States bureau of education.

The appointment of the dean of home economics of Kansas State Agricultural college to such a position in an eastern state is regarded as a recognition of the high standards of women's work maintained here. Doctor Thompson is responsible to a large degree for producing and maintaining these standards.

### CONCERNED WITH WOMEN

Her work in the survey will be the investigations of the courses offered and the nature of the curricula in the colleges for women and the normal schools. It will concern itself also with the opportunities for women in the co-educational institutions in the state. The survey will be similar to the one conducted in Kansas under Doctor Zook's supervision this year.

### ALUMNA OF K. S. A. C.

Doctor Thompson came to the college as dean of home economics in 1918. She is an alumna, '03 and '07, holding the degree of bachelor of science and master of science from Kansas State Agricultural college. She has a degree of master of arts from Columbia university, and the degree of doctor of philosophy from Yale university, where she studied under Dr. Lafayette B. Mendel. She has had highly successful teaching experience in Kansas State Agricultural college, Lincoln college, the Rhode Island State college, Brown university, New Hampshire State college, and Connecticut college.

"Fundamentally, the larger purpose of extension work is to make the open country a more satisfactory place to live in, so that more strong men and women may be enabled and encouraged to live there and do their work in feeding and clothing the world."—M. C. Burditt, director of agricultural extension, Cornell university.



## THE KANSAS INDUSTRIALIST

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N. A. CRAWFORD..... Managing Editor  
J. D. WALTERS..... Local Editor  
OLEY WEAVER, '11..... Alumni Editor

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WEDNESDAY, DECEMBER 20, 1922

### PEACE AND THE FARMER

Nominally, at this Christmastide, the great nations of the world are at peace. Practically many of them are not at peace. They are torn by class and other conflicts within. They are envious and suspicious of other nations, and their hatred may burst at any moment into actual armed conflict.

For these conditions, obviously, there are many causes. No one remedy can be devised that will remove them all. One thing which will improve the conditions materially, however, is the development of a sound, permanent agriculture, with intelligent, public-spirited farmers on the soil. Between democratic governments, war probably is always the result of misunderstanding, and misunderstanding is less likely to occur when there is a large, prosperous agricultural population.

The same reasoning applies to conflicts within nations. Intelligent and prosperous agriculture, practiced by a large proportion of the people, makes for general happiness.

These benefits, of course, are not the reason why one advocates better conditions for the farmer and farming. One advocates better conditions because they are just. But justice always brings benefits in its train.

### CORN TASSELS

J. H.

Many a savings craft will be wrecked on the reef marked "Christmas Presents," predicts the Marysville Advocate-Democrat.

This week's epigram from the Glasco Sun: Matrimony is a long sentence with many words in it.

Under the head of "Do You Know Him?" the Cedarvale County Liner waxes poetic in this wise:

Here lies the carcass of a dad-burned gimp,  
Who was crippled in a place that didn't make him limp;  
He knocked his home town for 60 odd years,  
And never spent a dime that wasn't through tears.  
He's gone now, gracious, what will he do  
Where he can't invest a nickel and get back two?

The Concordia Blade-Empire believes with the directors of William Jewell college that Dr. A. W. Slater, religious educator who teaches that there aren't any angels, is a bold, bad demoralizer. Next thing he'll be teaching the students at William Jewell that there is no Santa Claus, warns the Blade.

"If Winter Comes," quotes the Parsons Republican, "we shall have

to resume suspenders and vest. And that, alas, ends This Freedom."

"The trouble with a lot of gay young anglers along the banks of the matrimonial pool is that they can't tell the difference between the bite of a crawdad and a rainbow trout," sermonizes Deacon Walker. At that, there might be some difference of opinion as to who bites.

"I've noticed this since I got a car," says Grinen Barrett. "When the youngsters' shoes begin to wear out, I am inclined to insist that they make 'em do a while longer, but if Lizzie's tires begin to age, she gets new ones right away."

### FOR SOCIAL SOLIDARITY

In this day of rapid transportation, there is a movement on to move factories away from the great city centers. Query: Will the day come when capitalists and laborers and farmers and merchants live together in decently sized communities, co-operating among the different groups for mutual advantage? If it does, then the interests of one group will be the interests of all, and the most important area for effective organization will be the county, operating through local communities.

This will give us social solidarity. It will also make possible many forms of social activities which have heretofore been impossible. Looking toward this time when our efforts will be combined to turn out efficient and happy human values (rather than manufactured products, and corn and hogs, the latter being only means toward the former) we see an opportunity for the department of agriculture, through the states relations service, to get in on the ground floor by employing in each state specialists who will work with county agents, home demonstration agents, and boys' and girls' club workers, to conduct field days, community drama and pageantry, and other social activities which will bind the people together and bring about better co-operation for "demonstration work in agriculture and home economics."

When that day comes, we will realize that "culture" is the more important part of that word "agriculture;" that the word "economics" itself means "managing a household," whether it refers to a home, a community, a county or a state; and that wholesome social enjoyment is just as important in such management and "culture" as is any other phase of activity.—The Community Program.

### THE MAN WITH THE SORRY FACE

Walking on they came to a town where they met a man with a sorry face. "Why?" they asked him. And he answered, "My brother is in jail." "What for?" they asked him again. And he answered again, "My brother put on a straw hat in the middle of the winter and went out on the streets laughing; my brother had his hair cut pompadour and went out on the streets bareheaded in the summertime laughing; and these things were against the law. Worst of all he sneezed at the wrong time and he sneezed before the wrong persons; he sneezed when it was not wise to sneeze. So he will be hanged tomorrow morning. The gallows made of lumber and the rope made of hemp—they are waiting for him tomorrow morning. They will tie around his neck the hangman's necktie and hoist him high."—Carl Sandburg in "Rootabaga Stories."

### PUTTING FOOTBALL FIRST

Eastern college presidents who have been more or less alert for two years to the dominance which college competitive sports, and particularly football, have assumed in college life may have had a prophetic hunch of what such a situation portended. Anyhow, the blow has fallen in the case of Geneva college, Pennsylvania. It is one of the smaller colleges,

though Daniel Webster's tearful "there are those who love it" evidently applies to Geneva as to early Dartmouth. For two years running Geneva has not only been unlucky in football—it has lost its entire series of games. Appalling calamity to an up to date institution of higher learning. What was to be done about failure so galling to a self respecting college? What red-blooded youth would seek education at so unworthy a place?

### DAVID

Marian Storm in the New Republic

Did you go this way? The alders trembled,  
All of a sudden the katydids kept still.  
Did you take the short cut through the dead tansy,  
And no moon to help you down the steep hill?  
Hours together the panther on the mountain  
Has cried like a woman, sounding very near.  
I went down the lane once to touch the warm oxen.  
Did he go this way? No, not here.

## Education for the Masses

Dr. W. O. Thompson, President of Ohio State University

In these days, especially this autumn, it has seemed to me we have had an unusual amount of criticism of an adverse sort directed at the colleges and their students. We have been told that too many are going to college; that many of them are not capable of acquiring a respectable standing and are therefore holding down the standards of the college. This is an echo of the old idea that higher education is for the few and that these few should be the leaders of society. It is essentially an aristocratic theory of education. These people seem to overlook the fact that our great free public schools were developed in the central west because the people believed in the education of the masses and that education lay at the basis of the perpetuity of our democracy and its free institutions. The prosperity of the public schools has made the large attendance at the state universities possible and actual.

Recently some eastern men have said that these popular institutions are inferior to the older colleges. Suppose they are. That is not the issue and never can be. The real issue is whether this great empire between the Alleghenies and the Rockies shall be able through her public schools, her state universities, and her privately endowed colleges to meet the needs of the millions destined to live here. We may rest assured this need could not be met by the colleges and universities east of the Alleghenies save in a most meager and unsatisfactory way. We must provide in one way or another for the education of our young people. The small percentage who go east constituted but a negligible part of the educated men and women in the great region. We send east annually as permanent residents and as important leaders in business as many men and women as the east educates from the west. The truth is, the star of education, like the star of empire, has moved westward.

Within the last 50 years these public institutions have done more to educate the people and to elevate the standards of education than the eastern colleges had done in two hundred years before. Let us not lose heart or our faith in the youth of America, because some ingenious professor with an intelligence test has discovered some low intelligences among us. It is well that such tests are a modern device. They would have depressed the Plymouth colony in New England. The magnitude and prosperity of public education is appalling some people, chiefly those who are the beneficiaries of it and those who do not believe in it for the masses of the people. The cause is here to stay and will in my opinion occupy a large place in the future plans of the great central west, including Ohio.

Our opportunity and duty would seem to be to stand by our free public schools and our colleges and state universities with enthusiasm and increased support. These institutions have arisen out of our consciousness of need. Their history is the most challenging feature of American education.

Those who loved Geneva rallied and demanded the resignation of the president. The place was made so hot for him and the head professor of mathematics, who has to do with athletics, that they at length yielded to sentiment and handed in their resignations, which were promptly and cheerfully accepted. It is rumored that other professors also will "have to go." Thus does a wide-awake grove of learning show a sense of what is required of it in an exacting age. It may be that the college presidents foresaw what was coming and so initiated their campaign to put football in its place, from an old fashioned academic basis of evaluation. But the ex-president of Geneva must feel that they got going to a slow start.—Topeka Capital.

Although a cow's ration should not be changed often, she should be fed a ration containing a variety of feeds.

The barn cat walked the wall along the cornfield,  
Hunting like a shadow. The owl peered low.  
I'm looking for the dark boy—Did he go this way?  
The corn shocks rustled. The field breathed No.

The bats had gone. The horses never heard me  
Coming through the pasture; they stamped in their sleep.  
Did you leave a footprint here in the lowground?  
No one could find it; the hardhack's deep.

Hardhack and boneset, brown-tipped snakeroot,  
Paths that my feet know, help my sight!  
Didn't you feel him? Did he go this way?  
Who else would stir you in the middle of the night?

A black frost is harvesting; clips off the shagbarks;  
Crumples up flowers with a crazy hand.  
He went past me with a face like silver  
And a word I could not understand.

### SUNFLOWERS

H. W. D.

America is proud of everything—even of the fact that most of her leading citizens enjoy the comic strips in the newspapers.

Two things are essential to the happiness of the people in a country like ours: A wilderness and a Moses.

Beware of the person who agrees with you. He is a hypocrite.

### MEN

I adore men,  
They tickle me;  
They are so absurd  
Worrying about our happiness;  
They think we  
Are dying to kiss them  
And faint away;  
They imagine they choose us  
In marriage;  
They feel sorry  
For all of us  
They didn't marry.  
I dote on men,  
They tickle me.

—Georgette

### THE MORONIAD

BOOTH 3. JIM COLBURN

Jim Colburn operates the hearse,  
And sighs when people pass away;  
He says in sad and throaty tones  
That all must go some day.  
Eternity sits on Jim's brow,  
And gloom from off his visage rolls;  
He locomotes most oozingly.  
And wears black gloves and rubber soles.

There are fish in the sea that have never been caught, and a lot on land that have.

It is amazing how willing people are to absorb culture—provided they don't have to waste more than a half hour at it.

### RECEPTION AND DANCE

1. GLAD TO MEET YOU

Hands  
Hands  
Cold hands  
Clammy hands  
Hands that lie limp  
Hands that crush  
Hands like a rag  
Hands like onions, ice picks  
Warm, eager hands  
Lingering hands  
Hands that are afraid  
Bull dog hands  
Fishy hands  
Hands that caress  
Hands that freeze you  
Shock you  
Thrill you  
Flapper hands  
The hands of morons  
Dumbells, cowards, liars, sirens  
The hands of fools  
(Deliver us, Lord, from the hands of fools.)  
Sweet hands  
Salty hands  
Hands full of pep  
Rough hands  
Soft hands  
Hands that say "Howdy"  
Hands that say "Hello, Dearie"  
Hands that say "Ooooooh"  
The hands of George  
Bill, Charley, Elmer, Harold, Arthur  
The hand of Marjorie  
Ah!  
The hand of Marjorie  
The hands of Mabelle  
Flossie, Gertrude, Jean, Patricia  
Hands of iron  
Hands of putty  
Hands  
Hands

2. GOOD BY

At last  
Thank heaven  
The blare of jazz

3. AD INFINITUM

Feet

—Chaperone

In soil testing meetings held recently by the county agricultural agent of Boone County, Ill., to which each farmer attending was asked to bring several samples of soil from his farm, only one farm showed that the soil was sweet, according to reports to the United States department of agriculture. The owner of this farm stated that he has been growing a large amount of clover, sweet clover, and alfalfa.

The average farm family consumes 500 pounds of home produced pork yearly.

Plenty of exercise for the hen increases the egg yield.



## LOOKING AROUND

OLEY WEAVER, '11

Hundreds of students leave K. S. A. C. this week to spend the Christmas holidays at home. The time for most of them will be far too short—there are so many places to visit; so many friendships to renew; so many homecoming functions to attend. But somewhere into the busy period ahead of them will be crowded an evening with other Aggies.

Into nearly every Kansas county will go these messengers from alma mater carrying to former students a bit of the spirit from the campus, with the hope that those with whom they come in contact will develop anew the earnest desire once held to work in every way for the progress of the institution which still claims them.

And that desire on the part of former students will not be difficult to re-create. The messengers will carry a story of progress and success and enthusiasm which will prove contagious, and the ex-student of no matter how long standing will, unless he takes himself firmly in hand to resist the impulse, find himself transported to the campus and living again the days spent on the hill. The older folks will hear spoken in matter of course terms tales of accomplishments they dreamed as students might be possible. The more recent student will learn that the progressive movements he fostered are carrying on.

And the graduate will learn, much to his surprise, that the one great need on the campus today is the same as when he was in college—the one condition he hoped would develop before he resigned his studentship, but if it did not, the one he would develop as a graduate—a genuine alumni interest in alma mater.

Here and there at intervals an alumnus will arise and give proof that he has been thinking in behalf of his college mother. But his kind are too few. In nearly every Kansas county one alumnus may be found who is willing to doff his coat and take the bat in a pinch to advance a runner, but a team is needed. The present students, while home for the holidays, are seeking to recruit that team.

Aggie athletic teams are made up of men selected from those who volunteer for tryouts. The teams are known for their "fightin' spirit," and bear fittingly the "Wildcat" nickname. The greatest disgrace that can come to a team member is the loss of his fighting spirit.

The teams in the home county that present students are looking for will be selected with that fighting spirit in mind. This column should be filled early next month with their selections. It will be difficult in the short time available to the students for them to make the best selections. The "fightinest" men and women may be overlooked. The best way to guard against that event is for the fighters to rally to the tryout.

The willing alumnus who has given proof at intervals that he is thinking for the college, will declare himself and be selected. It is the desired opportunity for service he can not and should not overlook. The college needs men and women, leaders, in the field now as never before. But the leaders chosen must exhibit that "fightin' spirit" from the time they are selected, and develop it in their team mates, or experience the disgrace of the non-

fighter who seeks to represent the college on a student team.

The homing student can not do it all. He brings the message of need and a willingness to help organize the unorganized former K. S. A. C. students, and establishes the rallying center. He knows the need is great and the cause is just. He furnishes the pep and the punch and the pull. But his pull may not be great enough to drag into action the "What's-the-use" alumnus. Cooperation is needed.

Will the former student meet those of the present generation half way? Will the hibernating alumnus emerge? Will the student effort, prompted by the enthusiasm carried from the campus, intensify the flame of loyalty in the 2,000 Aggie alumni in Kansas, or will the same 2,000 through indifference baffle the zealous ones?

K. S. A. C., from the alumni standpoint, is at the crossroads. The progressive path is pointed out. Which one will you take?

### C. H. MORGAN, '22, REPORTS IN FROM FAIRBANKS, ALASKA

**Heads Agricultural College With Enrollment of 12 Students**

C. H. Morgan, '22, is pioneering in the teaching of agriculture in Alaska. He writes from Fairbanks where the Alaska Agricultural College and School of Mines is located.

"Leaving Seattle on August 9, on the Alaska Steamship company's boat, Alameda," says Morgan, "we had a very delightful six day's journey through the inside passage. The water was smooth and we were out of sight of land for only one day. We were fortunate in getting a close up view of the Columbia glacier. Arrived at Valdez, we motored to Fairbanks over the Richardson highway. The scenery along this 400-mile drive surpasses anything I have seen in the states.

"The college opened September 18 with an enrollment of six. We now have 12 regular students and several in the miner's short course. We will offer a farmers' short course in January. I have one senior ag, a young ex-service man who took his first three years of agriculture at Cornell and now is living on a homestead here.

"I am teaching some classes in botany and military science. We will soon have about \$4,000 available for further agricultural laboratory equipment and books.

"The agricultural development of Alaska has hardly started. There are about 115 homesteads taken up in the Tanana valley. The cultivated land on these will run from 20 to 90 acres. This constitutes the chief agricultural district of the territory. Few, if any, of the farmers depend entirely upon the farm for their year's income, but have other interests such as wood hauling or mining. Very little livestock is found on these farms. The chief crop is potatoes and small grains. The soil seems productive, and the seasons are usually long enough to mature crops. This year an early frost prevented the maturing of grain, the first failure in about 15 years, it is said.

"Very little work has been done here in the way of fertilizer or soil experiments. The United States experiment station devotes more attention to grain breeding. G. W. Gasser, '05, has charge of the experiment farm at present, having taken over the work about a year ago.

"M. D. Snodgrass, '06, operates a farm and a coal business here. He was recently elected senator to represent the fourth district in the territorial legislature at Juneau."

S. E. Croyle, '20, checks in for active membership from Roduco, N. C. He is an inspector on bridge construction for the North Carolina highway department.

## COUNTY STUDENT CLUBS NUMBER SIXTY-TWO

**Organizations Are Formed at Special Assembly Monday—To Arrange Meeting at Home During Holidays**

Sixty-two student county clubs were organized at meetings following a special student assembly Monday. In addition, vacation meeting chairmen were appointed for several counties from which there are not more than five students attending K. S. A. C.

The assembly was called by the Students' Self Governing association, and was presided over by Kent Dudley, president of the S. S. G. A. Dr. H. H. King, president of the memorial stadium corporation, addressed the students, explaining the importance of organizing county clubs with officers who will undertake the arrangement of vacation meetings with alumni and former students of K. S. A. C.

The organizations reported to the alumni office Monday afternoon and Tuesday, and their presidents follow: Allen county, Mildred Hammel; Atchison county, D. C. Bushey; Barton county, Vida Butler; Barber county, Ray Circle; Bourbon county, C. B. Hudson; Butler county, Eleanor Watson; Cloud county, W. P. Raleigh; Comanche county, Howard Sherman; Chase county, Wayne Rogler; Coffey county, Bill Batdorf; Cherokee county, Everett C. Scott; Dickinson county, Mildred Nichols; Franklin county, H. L. Collins; Ford county, H. G. Webber; Greenwood county, J. J. Brookover; Geary county, Margaret Gillett; Harper county, H. H. Halbower; Jefferson county, Ira Schindler; Johnson county, Ralph Ewing; Jewell county, F. C. Kingsley; Jackson county, Paul Elliott; Kingman county, Ralph McKay; Kiowa county, A. L. Bridenstine; Lincoln county, A. B. Woody; Lyon county, C. F. Gladfelter; Leavenworth county, Grace Boone; Miami county, James Parker; Marshall county, Lillian Rommel; Marion county, F. E. Willey; Mitchell county, S. R. Smith; McPherson county, R. R. Stucky; Neosho county, Madeline Locke; Osborne county, H. A. Ames; Pawnee county, Glenn Stockwell; Pottawatomie county, V. O. Clements; Pratt county, Leola Ash; Phillips county, Z. O. Leacy; Rice county, Edgar Davis; Riley county, E. A. Hepler; Rush county, Leslie Newcomer; Russell county, C. O. Gross; Reno county, Polly Hedges; Rooks county, Roy Boroff; Seward county, Nellie Kneeland; Republic county, Ruby Northrup; Smith county, Eleanor Davis; Sedgwick county, A. A. Axline; Sherman county, A. W. Clark; Salina county, J. O. McElwaine; Shawnee county, H. W. Retter; Trego county, Harold Howe; Washington county, Ray Smith; Washington county, K. I. Church; Woodson county, F. C. Stockebrand; Wabaunsee county, Glenn C. Case; Chautauqua county, Guy Bartgis; Doniphan county, Wiley Whitney; Wilson county, Floyd Cooley.

### Reno Countians Meet

Coach C. W. Bachman and Dr. H. H. King met with a group of alumni and former students at the chamber of commerce rooms in Hutchinson Saturday, December 16. Dr. King and Coach Bachman talked informally to the group. The motion pictures of the Aggie-K. U. and Aggie-Missouri football games were shown after the meeting.

The group voted unanimously for a motion that all Reno county alumni enrol as active members in the general alumni association. Willis N. Kelly, '12, was elected secretary of the county association.

### Had Hard Luck in 1919

"Every year," writes James West, '12, Salem, Ore., "I have wished that I was near enough to attend Commencement and Homecoming. I

planned on being there in 1919 but the boats were too crowded at St. Nazaire." West is an assistant in the legal department of the state of Oregon, and is also an instructor in the subjects of federal courts and bankruptcy in the law school of Williamette university.

### Stadium Startled Ballou, F. S.

"That stadium startled me," writes Don D. Ballou, F. S., Salina. "I attended the Homecoming game with Randy Palmer, '22. We arrived quite late. As we dashed over the hill top south of the campus (we couldn't get near the field in a taxi) I was absolutely scared at the sight of that stadium, as I hadn't realized before what a structure it will be."

### Banquet for Barnes

The ElDorado Times recently published a story about the prompt and efficient work of H. D. Barnes, '20. The article stated that Barnes, county engineer of Butler county, had been informed by M. W. Watson, state highway engineer, that he is the first county engineer in the state to submit his annual report. The statement, which consists of a lengthy report showing the sums spent on all county construction work, was turned in before November 20.

### Manglesdorf Finds Humor in East

A. J. Manglesdorf, '16, believes that even in the effete east there is a sense of humor among the natives. As evidence he submits the following story clipped from the Boston Transcript.

Charles M. Schwab says that his neighbors are forever offering to sell him things. Not long ago one man tried to sell him a cow. When Mr. Schwab inquired about the breed and age of the animal he did not receive very satisfactory answers. Finally he asked, "How much milk does she give?"

"Mr. Schwab, I don't know," was the reply, "but she's a darn good natured cow and she'll give all she can."

### From South to West

R. U. Waldraven, '89, Berkeley, Cal., lists in important events of 1921-22 a change from presiding elder, M. E. church, south, to Sunday school field secretary of the Pacific conference.

## BIRTHS

L. R. Hiatt, '17, and Mrs. Hiatt, 1313 West Sixth avenue, Topeka, announce the birth November 8 of a son whom they have named Robert William.

L. W. Lawson, '07, and Jessie (Marty) Lawson, '08, 903 South Maple street, McPherson, announce the birth October 15 of a daughter whom they have named Lois Eva. She is the third daughter of the Lawsons.

M. W. Sanderson, '98, and Mrs. Sanderson, Cedarvale, announce the birth December 8 of a daughter whom they have named Wilburta.

George Railsback, '14, and Hattie (Limbocker) Railsback, F. S., Alden, announce the birth December 6 of a daughter, whom they have named Clea Margaret.

L. V. Ritter, '19, and Betty (Hart) Ritter, F. S., Marked Tree, Ark., announce the birth September 21 of a son whom they have named Louis Vernon, Junior.

Dr. Schuyler Nichols, '98, and Mrs. Nichols, Herington, announce the birth August 26 of a daughter whom they have named Mabel Irene.

The rev. M. S. Collins, F. S., and Helen (Huse) Collins, '08, Chicago, announce the birth December 6 of a daughter.

## H. S. SENIORS GUESTS OF McPHERSON ALUMNI

**Sixty Boys and Girls Attend Reception—County Association Organized—Bachman and King There**

Sixty seniors of McPherson county high schools were the guests of K. S. A. C. alumni at a reception in the McPherson high school building Friday, December 15.

Dr. H. H. King, president of the Memorial Stadium corporation, and C. W. Bachman, head coach, addressed the alumni and their guests. Refreshments were served.

A McPherson county K. S. A. C. association with C. M. Wilhoite, '22, McPherson, president; N. F. Enns, '15, Inman, vice-president; and R. D. Nichols, '20, McPherson, secretary-treasurer was formed. L. W. (Swud) Lawson, '07, McPherson, was chosen to head the stadium campaign committee.

Motion pictures of the Aggie-K. U. and Aggie-Missouri games were shown after the speaking program had been completed. The McPherson college football team and coach as well as the high school seniors of the county witnessed the reproduction of the football battles.

Alumni and former students present were R. B. Kinsinger, F. S., N. F. Enns, '15, C. A. Johnson, F. S., Rudolph Lundern, F. S., Lila Teeter, F. S., Nellie Teeter, F. S., J. F. Odle, '94, Emma (Lee) Kubin, '10, Dr. E. F. Kubin, '09, Anna Staraka, F. S., Glenn Buckman, '13, D. G. Roth, '11, J. W. Fields, '03, R. D. Nichols, '20, J. M. Kubin, F. S., C. M. Wilhoite, '22.

### Alaska Aggies Get Together

Aggies living in Fairbanks, Alaska, gathered for a dinner and a "do you remember away back when" session at the home of M. R. Snodgrass, '05, and Margaret (Minis) Snodgrass, '01, August 19. After dinner the evening was spent in reminiscences of college life at K. S. A. C. and in singing the college songs. Those present were Dr. C. C. Georgeson, Sitka, Alaska, formerly a member of the agronomy faculty at K. S. A. C., now in charge of all the United States experimental work in Alaska; C. H. Morgan, '22, professor of agriculture and instructor in military science in the Alaska Agricultural college, Fairbanks; Mrs. Morgan, and their son Boyd; Elizabeth Kirkpatrick, '20, professor of home economics and English in Alaska Agricultural college; G. W. Gasser, '05, superintendent of the U. S. experimental farm at Fairbanks, Mrs. Gasser and their nephew Larry; Margaret (Minis) Snodgrass, '01, M. D. Snodgrass, '05, vice president of the board of trustees of the Alaska Agricultural college, and senator from the fourth district to the territorial legislature, and the five Snodgrass children, Roland, William, Agnes, Margaret, and Mary May.

### Brewer, '21, Structural Engineer

Arthur H. Brewer, '21, is in the employ of Holabird and Roche, leading architects of Chicago. At the present time Brewer is structural engineer in connection with Hotel Stevens, a \$17,000,000 hostelry, which is being erected in Chicago. The hotel will have 3,000 rooms or 400 more than the largest hotel in New York City. After graduating from K. S. A. C., Brewer went to Purdue university where he was granted a master's degree in civil engineering.

### 1923 Football Schedule

September 28—Open.  
October 6—Open.  
October 13—Creighton at Manhattan (tentative).  
October 20—Ames at Ames.  
October 28—Kansas at Lawrence.  
November 3—Missouri at Manhattan.  
November 10—Grinnell at Grinnell.  
November 17—Open.  
November 23—Oklahoma at Manhattan.  
November 29—Nebraska at Lincoln.



## TALKS TO AGRONOMISTS

### PROFESSOR CALL ADDRESSES SOCIETY AT WASHINGTON

Specialization, Thorough Training, Organization, Spirit of Service and Cooperation, Great Needs of Profession, Says Retiring President

"Undoubtedly the greatest improvement in the efficiency of agronomic work in the past has come through gradual elimination of the diverse lines of activity of the agronomist," said Prof. L. E. Call, retiring president of the American Society of Agronomy, in addressing the annual meeting of the society recently. Professor Call is the head of the K. S. A. C. department of agronomy.

"Today in most institutions the work of the department of agronomy is devoted exclusively to soils and crops, and in those departments which have the largest personnel the men are devoting their entire time to teaching, research, or extension in one or the other of these fields," he continued.

"In fact, it is fully recognized that even greater specialization than this is not only desirable but absolutely necessary for the most efficient work.

#### RIGHT SPIRIT STRESSED

"Although thorough training, well developed plans, and love for the work are essential for efficient research in agronomy, they are perhaps less important than a spirit of cooperation in the workers. We have passed the pioneer days in agronomic research when it was possible for an individual working alone to make rapid progress. The problems before us are complicated, they require for solution the best judgment of a number who are specialists in different lines of work and who can view the problem from different angles.

"There has been a splendid spirit of cooperation in the past between the bureau of soils and the bureau of plant industry of the United States department of agriculture and the department of agronomy of most of the land grant colleges. This has led to extensive and highly satisfactory cooperative work that has been of the greatest help to the land grant institutions, and, I believe, satisfactory as well to the United States department of agriculture.

#### PROBLEMS ARE NATIONAL

"Most agronomic problems are not bounded by state lines. Many of them are regional or even nationwide in their application. The broader viewpoint which the United States department of agriculture must necessarily take is of the greatest value to the local worker, while on the other hand, the close personal touch which only the man on the job can have has no doubt been of similar value to workers in the federal department.

"Of necessity is the agronomist in close contact with the farm and the public. In common with other agricultural workers he is more or less of a middle man between the man of so called pure science and the man on the farm. It is to the agronomist that the farmer should naturally come with a crop or soil problem.

#### CONTACT WITH FARMERS

"If the agronomist is practical enough and scientific enough to apply the principles of science to the problems of the farm, he will secure the confidence of the farmers and bring about a cooperative relation that will be mutually beneficial. The farmer will obtain the service that he desires, while the agronomist will at all times be informed as to the problems of the farm that require attention."

In summarizing Professor Call said:

#### COOPERATION IS NEEDED

"If agronomy in the future is to make the rapid progress that has been made in the past, if it is to retain its present standing in the rapidly developing field of agriculture, if it is to accept its opportunity to render to society the service that the

future will afford, a greater effort must be exerted among agronomists to secure the proper, fundamental training for their work. There must be developed an esprit de corps that has not existed in the past. Greater efficiency in research must be secured by closer cooperation and a more generous attitude, first, among agronomists in different state institutions; second, between agronomists in state and in federal work; third, between agronomists and other scientists; fourth, between agronomists and those engaged in industrial enterprises, and fifth, between agronomists and the general public.

"These are the conditions necessary for effective work. Is there any reason to doubt that they will be fully accepted? I think not, for there has never been a time when the need for thorough training was more fully appreciated, when workers in agronomy were more earnest, when the desire for cooperation was more sincere, or when the opportunities for service were greater. Nothing must prevent the agronomists of the future from accepting these opportunities."

## BASKETBALL SQUAD CUT TO 24 PLAYERS

Aggie Season Opens with Cornhuskers Here January 6—Football Stars Out for Places

The swish of the balls passing through the goal-netting is the predominant sound in the gymnasium these days where Assistant Coach Curtiss, in charge of Aggie basketball, is giving his squad of would be basket tossers stiff workouts every evening.

A large number of aspirants have been working out so Coach Curtiss picked out 24 of the most likely looking ones for the varsity squad. Another cut is expected. The men then remaining will be carried on the squad throughout the season. The basket tossers will receive only a short vacation since they are to return early so as to get into their stride in time for the first game with Nebraska on January 6 here. Nebraska plays Kansas university on the night preceding the game here.

The men that are on the squad are, forwards—Captain Favol Foval of Wichita, A. H. Doolen of Manhattan, Maurice Bradley of Winfield, L. W. Grothusen of Ellsworth, R. R. Huey of Louisville, J. C. Brown of Blue Rapids, C. E. Long of Hutchinson, H. S. Gillman of Salina, M. B. Swartz of Hiawatha, L. M. Staley of Garden City, and K. Bunker of Kansas City; centers—A. J. McKee of Manhattan, P. P. Rumold of Manhattan, F. C. Healea of Wichita, R. L. Scholz of Frankfort, L. M. Leiter of Protection; guards—H. G. Webber of Dodge City, R. D. Hahn of Clay Center, J. E. Gartner of Manhattan, J. F. Savage of Spearville, George Hanna of Clay Center, L. D. McDonald of Parsons, L. O. Sinderson of Manhattan, and A. R. Stark of Goodland.

## FARRELL GETS APPOINTMENT ON IMPORTANT COMMITTEE

To Help Shape Policies of Experiment Stations

F. D. Farrell, director of the agricultural experiment station, Kansas State Agricultural college, has received notification of his appointment for a term of three years as a member of the committee on experiment station organization and policy of the American Association of Land Grant Colleges which recently held its thirty-sixth annual convention at Washington, D. C.

The committee upon which Dean Farrell will serve represents the association in devising improvements in the organization of the agricultural experiment stations of the 48 states and in formulating policies for these stations, especially with reference to cooperation among the stations and to relations between them and the United States department of agriculture.

## PHI KAPPA PHI ELECTS

ELEVEN MEMBERS CHOSEN FROM CLASS OF 1923

Standards Have Been Raised—Only One Twentieth of Seniors Have Chance of Winning Honor—Formerly Elected in Spring

The Kansas State Agricultural college branch of Phi Kappa Phi, honorary scholastic society, has announced the election of 11 members. They are Warner Adams, Maple Hill; Elmer Rex Aumemus, Cherokee; Loyall Virgil Hunt, Wilmore; Glenn Dale Stockwell, Larned; Nellie Rose Jorns, Preston; Delmer C. Anderson, Phillipsburg; Carl Robert Stout, Kansas City, Kan.; Frank Larner, Oskaloosa; Mildred Lorene Pence, Dunavant; Stephen Roy Smith, Beloit; and Fred C. Lewis, Baldwin. The initiation was held Thursday.

#### SELECT FEW HONORED

Election to Phi Kappa Phi, always a distinction gained by a select few on account of the high scholarship required, is made an even greater honor this year by the raising of the standards. Formerly the members of the society were chosen in the spring semester from the tenth of the senior class in each division having the highest grades. With this year the policy of electing in the fall semester and choosing the new members from the twentieth of all the senior class having the highest grades was inaugurated.

#### FOUR AGS ELECTED

To the division of agriculture goes the honor of placing the largest number of members in the election. Four from the division of agriculture, three from the division of engineering, three from the division of general science, and one from the division of home economics were elected to the organization.

## WALTER L. DEHNER'S OIL PAINTINGS ARE EXHIBITED

Work of College Artist Shows Unusual Promise

A group of six most interesting paintings by Prof. Walter L. Dehner was exhibited last week by the department of architecture, of which the artist is a member. All of the paintings are oils, and all were painted in Kansas.

The canvases are modern in both conception and technique, but show a certain adaptation to popular taste. In all of them, however, there is a solidity which is most effective and a happy absence of sentimentality—a quality not easy to escape, particularly in landscapes.

Two of the pictures, "Joseph's Coat" and "In Kansas," are particularly noteworthy in point of design, which is present, nevertheless, in all of Mr. Dehner's work. The patterned landscape in these canvases possesses real quality.

The two still-life studies, "Flowers and Fabrics" and "Chrysanthemums and Velvet," show excellent use of color, while the fabrics in them are sculpturesque in their effect.

The representation of sunlight in Professor Dehner's work is exceedingly interesting. This is noticeable especially in "Coup de Soleil."

Mr. Dehner's work shows a degree of real achievement and unusual promise—provided the artist creates independently and does not allow himself to be influenced by the taste of the general public.—N. A. C.

## HONOR TO LOUIS PASTEUR

(Concluded from page one)

very feeble. Overwork and repeated attacks of paralysis had left him almost helpless, but he still attended the institute and continued to study and plan for the relief of suffering humanity.

Shortly before his death a great fete was given in his honor at the Sorbonne. At this time he stated what may be considered his philosophy of life:

"Young men, confine yourselves to

those sane and powerful methods of which we know only the beginning. Whatever your career, do not allow yourselves to be taken in by that skepticism which is sterile and maliciously disparaging. Do not allow yourselves to be discouraged by certain hours of sadness that may pass over the nation. Live in the peace and calm of the laboratory and the library. Ask yourselves first, 'What have I done to educate myself?' As you advance in your studies ask yourselves, 'What have I done for my country?' Then perhaps you will have that great pleasure of thinking that you have contributed something to the good and progress of humanity. But whether your efforts are more or less favored by destiny you must, when you approach the goal of life, be ready to say to yourself truthfully, 'I have done my best.'"

Pasteur was so far in advance of his time that his ideas created bitter opposition. As he neared the end of his life he said: "I never knew I had so many enemies."

#### WORK LIVES AFTER DEATH

Pasteur died September 28, 1895, but his life work still lives. France is preparing to celebrate the centenary of his birth on December 27. In his honor there will be processions, addresses, and, at a certain hour, five minutes of complete silence throughout France. In the morning of the anniversary there will be read to all the school children of the country Pasteur's statement of his philosophy of life. Would it not be fitting for America also to pay homage to so great a man?

## HEAR GOVERNOR-ELECT

(Concluded from page one)

time that lies back of us, still unadjusted to the time that lies ahead of us, no one able to tell us really where we are going from here.

#### "PRINCIPLES ARE ENDURING"

"It is a time for serious thinking and for steady action. We need to remember at this time that principles are the enduring things of this world; that men change, parties change, conditions and environment differ, but that principles are enduring and go on forever. The same principles that have enabled us to come thus far in our development, successfully and prosperously expanding and developing with the years, will carry us past the present crisis in our affairs.

"It is then proper for us to remember that this great country is great, not because of its developed industry and expanded commerce and splendid social order and magnificent standards of living, but because of the spirit that abides in the hearts of our citizens. This spirit may be said to be one of liberty loving, and it is the result of the fact that America was launched among the nations of the world under a new political ideal.

#### ILLS TRACED TO CAUSE

"It was also this ideal and this purpose that induced people to come to our shores from foreign lands seeking a better place in which to exercise their energy, and a better atmosphere in which to rear their children. This ideal and this purpose can be briefly summed up in that one fundamental action of American government that says government shall secure equal rights to all and grant special privileges to none, and now with all the problems of transportation, distribution, marketing, public service, lack of credit facilities adaptable to the needs of production, labor difficulties and all the minor problems that vex us, presenting themselves for solution and adjustment, let me remind you that there is not a single ill or maladjustment that is rightly complained of that does not result from the departure from or neglect to observe this maxim of government."

Vaccination will help to control contagious roup in poultry.

## SECOND ANNUAL ROAD SCHOOL BEGINS TODAY

Best Talent in Country Assembled to Discuss National Problems at Statewide Meeting Here

County engineers from all parts of the state are arriving in Manhattan today to attend the second annual road school to be given by the college in conjunction with the state highway commission. The road school will continue through Thursday.

"Since Kansas engineers have a fair opportunity to discuss local problems at their state meetings," said Prof. L. E. Conrad, head of the department of civil engineering, "the program of the road school is formulated with a view to bringing to them the experience gained in other states. An examination of the list of speakers will convince anyone familiar with highway development in the United States that, from a national point of view the program which we offer would be improved with difficulty. We have tried to secure the engineers best qualified to give us information on the subjects which can be most profitably studied by Kansas road officials at this time."

The program is as follows:

Wednesday—Address, President W. M. Jardine; address, Dean R. A. Seaton; "The Problem Confronting Kansas Highway Engineers," M. W. Watson, state highway engineer; "Design and Construction of Highway Bridges," J. R. Chamberlain, bridge engineer, district 15, U. S. bureau of public roads; Supper, M. W. Watson in charge. Wednesday evening—"Organization for State Construction Program," B. H. Piepmeyer, chief engineer, Missouri highway commission; discussion, W. V. Buck, assistant state highway engineer of Kansas.

Thursday—"Effect of Grades and Surface on Fuel Consumption," T. R. Agg, professor of highway engineering, Iowa State college; discussion, E. R. Dawley, K. S. A. C., L. E. Conrad, K. S. A. C.; "The Bates Road Tests," Clifford Older, chief highway engineer, Springfield, Ill.; discussion, R. A. Seaton, K. S. A. C., C. H. Scholer, K. S. A. C.; "Federal Aid on Highway Construction," J. C. Wonders, district engineer, district 5, U. S. bureau of public roads; "Construction and Maintenance of Nebraska's Dirt Roads," George K. Leonard, assistant secretary, department of public works of Nebraska; discussion, M. Roseberry, county engineer, Wichita, Ira E. Taylor, county engineer, Beloit.

## DAN CASEMENT ADDRESSES STUDENTS OF JOURNALISM

Farmer Tells of His Experience as a Writer

"The first essential in writing is that one should have something to say, and that he should say it with conviction and with a real sense of its value," said Dan Casement, prominent farmer and stockman of Manhattan, who spoke to the industrial journalism students Monday afternoon. Mr. Casement is a staff correspondent for the Breeders' Gazette.

He began writing for the Breeders' Gazette about two years ago, and his first article, when read aloud to the assembled family, elicited nothing but shouts of laughter and ridicule.

"I got it back on them though," said Mr. Casement, "when I was able to show them the article in print, and wave a check for \$50 over their heads."

"The hardest part of writing is the beginning," he continued. "One must have ideas on the subject he's going to assail before he can express it in words, and the marshaling of ideas is the most difficult part of the job. To be a successful writer, one must express his own personality."

At the beginning of 1922 there were 4.2 motor vehicles for each mile of road in the United States.



# THE KANSAS INDUSTRIALIST

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Number 15

## ASKINGS ARE MINIMUM

### PRESIDENT JARDINE RECOGNIZES NEED FOR ECONOMY

Suggestions for College Appropriations Lowest Compatible with Efficiency—\$150,000 Under Last Biennium—Needs Summarized

REQUESTED FOR COLLEGE		
	1923-24	1924-25
Salaries and wages.	\$ 590,000	\$ 590,000
Additional teachers	59,000	59,000
Maintenance	295,900	295,900
Repairs, improvements	50,000	50,000
Emergency improvements	25,000	
President's fund	500	500
Water supply addition	15,000	10,000
Road laboratory	5,000	5,000
Soil survey	5,000	5,000
Remodel dairy building	25,000	
Power plant repairs	70,000	65,000
Total each year.	\$1,140,400	\$1,080,400
Total for biennium	\$2,220,800	

REQUESTED FOR BRANCH STATIONS		
	1922-23	1923-24
Hays	\$ 6,538	\$35,400
Garden City		13,450
Colby		7,000
Tribune		2,000
Total	\$ 6,538	\$57,850

Requests for appropriations to support the Kansas State Agricultural college during the biennium 1923-25 total \$150,000 less than the amount given by the last legislature for support of the college during the present biennium, 1921-23, notwithstanding the fact that the load of the institution has shown a 40 per cent increase and that costs of what it buys have not been materially reduced. The request for the biennium, contained in the biennial report of Dr. W. M. Jardine, president of the college, is \$2,220,000.

"Unless the appropriations were completely withheld and the institution closed, reductions below the figures suggested could be made only with great damage to the efficiency of the institution," the president declares in his report.

**NO SALARY INCREASES**  
The president's requests to the legislature do not provide for an increase in salaries of the faculty, but for additional teachers which will enable the college to offer work, particularly in the business side of farming, which has been demanded by citizens of the state and to reduce the load of the present teaching force.

"In other matters than salaries, the institution is asking only for what it must have if it is to continue the service that it is rendering to the state in this hour of agricultural and industrial need," President Jardine explained. "We are in serious need of new buildings, but we shall sustain less loss through their non-erection than we should sustain were our faculty to disintegrate. The heart of the institution is the men and women engaged in teaching in it."

The president's request for salaries and wages for the faculty as it is now constituted is \$590,000 each year. Additional teachers, resulting from increased enrolment of students and new lines of work undertaken in agricultural economics, cost studies, marketing, etc., are needed, the report states. The request for additional teachers is \$59,000 annually.

**MOST URGENT NEED**  
"Additional teachers are a most urgent need of the institution," the president pointed out. "A strong faculty, adequate in size, is the soul of an institution. A serious and justified criticism that comes to this college from other educational institutions is that our teachers are required to teach more hours and larger classes than are consistent with high class instruction. From 20 to 30 teachers should be added to our faculty in the next biennium if the qual-

ity of our teaching is not to suffer.

"The public is demanding new courses, particularly in the business side of agriculture, such as rural life work and agricultural advertising. The \$59,000 asked for each year will only partly care for the increased load, but will tide us over."

**COST OF MAINTENANCE UP**

A 10 per cent increase in maintenance, \$295,000 being asked for each year of the next biennium, is requested for the following reasons:

Increased expenses for equipment such as desks, chairs, microscopes, balances and typewriters, incident to the steady increase in enrollment, must be met.

It will cost from \$10,000 to \$15,000 more each year for fuel to heat and light the new buildings that will be completed next year.

Receipts from the sale of college agricultural and animal products have decreased from \$120,815.87 in 1919-20 to \$66,670.11 in 1921-22. This decrease has seriously handicapped the institution.

The same amount—\$50,000—for normal repairs and permanent improvements that was provided by the last legislature for each year of the present biennium, is requested for each year of the next biennium.

**IMPROVEMENTS ARE NEEDED**  
There are some urgent and unusual improvements and equipment that must be provided for by a special appropriation. The \$25,000 asked for the biennium is to enable the institution:

First, to provide a new roof for Waters hall, the present agricultural building. The roof leaks very badly which results in the destruction of much equipment during severe storms. It cannot be patched up any longer. It will cost approximately \$3,000.

Second, to provide a storm sewer to connect the new stadium storm sewer to the sewer on Anderson avenue to carry off the excess water from a much used section of the campus. It is estimated that this will cost \$3,000.

**PLUMBING OUT OF DATE**

Third, to install certain much needed equipment in the new cafeteria building so that it may be used efficiently and economically. We now have well lighted, well ventilated rooms on the second floor of the building but until they are equipped they cannot be used. Other parts of the building, while being used, cannot be used effectively until they are more fully equipped. We must have tea room equipment, bakery equipment, refrigeration plant, refrigerators in counters, etc. The minimum equipment necessary to put this building into shape for efficient use, will cost \$16,000.

Fourth, to make some very urgent improvements in Anderson and Kedzie halls in order to bring the sanitation and ventilation of those buildings up to the requirements of the state board of health. These buildings are fifty years old and the plumbing, ventilating, and sanitary facilities have never been repaired and kept up to date in line with modern requirements. These improvements will cost approximately \$3,000.

For the president's contingent fund the same amount as in the last biennium, \$500 each year, is requested.

**WATER SUPPLY INADEQUATE**

The college has only one well which, when pumped continuously, yields insufficient water. When the pump is closed down for repairs all water must be brought from the city plant, from which there is but a single pipe line to the campus. A new well and pump should be installed, a

(Concluded on page four)

## FUNCTION IS TWOFOLD

### TO TRAIN CITIZENS AND EARNERS, JARDINE SAYS

How K. S. A. C. Is Accomplishing Its Purpose Shown by List of Activities of Students on Campus Included in Biennial Report

The Kansas State Agricultural college takes pains to give what it believes to be the twofold type of training best adapted to practical present day needs, according to the biennial report of the president.

"The twofold function of education in this college is: (1) To make the student an efficient worker in some occupation; and (2) to fit the student for sound thinking and good citizenship," the report states. "While this twofold training means somewhat greater expenditures than does either cultural or technical training alone, the results more than justify the cost. The technically trained man who has no sense of his obligation to society is a menace. The man who is trained exclusively for citizenship is often unfitted for practical life unless he has enough means to live a life of leisure."

**OFFERS 14 COURSES**

"The courses leading to sound thinking and good citizenship cost in salaries to men of ripe scholarship and fine character adapted to teaching young men and women. The technical subjects require not only competent men but highly expensive and specialized equipment. The college offers 14 distinct courses, each of them requiring highly developed equipment and a number of departments. Those courses are agriculture, veterinary medicine, agricultural engineering, architecture, civil engineering, electrical engineering, flour mill engineering, mechanical engineering, home economics, general science, industrial journalism, applied chemistry, rural commerce, and music.

"Each of these courses has a substantial enrolment. The enrolment for the biennium 1920-22 was 6,955, as against 6,343 for the biennium 1918-20, a gain of 612 students.

**LOAD OF TEACHERS INCREASES**

"This increase does not show, however, the actual added load placed upon the teaching facilities of the college. The proportion of students here for nine months was much greater in the past biennium than in the biennium just previous, when a large number of short course students remaining here only a month or two was enrolled. The only way in which the actual increase in instruction on the part of the institution can be ascertained is by comparing the student hours for the two periods. A student hour is defined as one student taught for one hour. This is the measure used most regularly by educators in estimating the work done by schools and colleges. The number of student hours for the two bienniums follows:

Biennium 1918-20	3,625,759
Biennium 1920-22	5,094,278
Increase	1,468,519

This is an increase of 44.3 per cent.

**LOWERS EFFICIENCY OF WORK**

"The credits of the institution in the biennium 1918-20 were under criticism because the load on teachers was too great to permit of thoroughly efficient work. The institution is in still worse shape now and should relief not be gained the complaint will grow.

"Worse than any complaint from the outside, however, is the fact, obvious to everyone in the institution, that it is impossible under the present circumstances to give the students the training that they deserve.

"The institution, however, is doing

its best toward maintaining a high-class institution giving instruction and guidance to capable young men and women. The faculty stimulates absolute democracy on the campus so that no student is ranked according to his means, his family, his clothing, or any other standard than his ability and character. The success of the institution in giving wholesome life to the students is shown in part by the following facts:

More young men and women belong to literary societies here than in any other college in the United States, and more students take part in intercollegiate debate and oratory than in any other college.

Stock judging, dairy judging, grain judging, fruit judging, and poultry judging teams compete with teams from other institutions with gratifying results not only in the large number of prizes won but in the self-confidence and practical experience received by those taking part.

In a journalistic contest in which students in all but two agricultural colleges in the United States and one in Canada participated, students here won more than half the prizes, including all the first four.

The college maintains a record in athletics for victory and sportsmanship, but much more important, it emphasizes contests between class and society teams in which a vast number of young men and women take part.

Four student bands, with 100 players, a student chorus of 225 student members, and men's and girls' glee clubs give splendid musical practice.

Forty per cent of the college students may be found in attendance at Bible classes on any Sunday in the college year, while practically all the students are affiliated with churches.

The Y. M. C. A. and Y. W. C. A. have a large membership and are active in helping new students, conducting special services, and giving vocational assistance.

No fraternity, sorority, or other intercollegiate society, that has established a chapter or branch in the college has ever withdrawn it—a record that can be equalled by few institutions in America and indicates the soundness and dependability of the students.

Eight cooperative houses have been established by women to lower the cost of living, to provide a home atmosphere, and to furnish an opportunity for learning business management.

A student self-governing association is functioning as a project in practical democracy.

The graduates of the institution are found in all parts of the world, engaged almost invariably in occupations of productive efficiency and social importance.

**STUDENTS ARE AN INVESTMENT**

"It would be an absurdly low estimate to state that each person studying in the college would return to the state \$5,000 in economic value as a result of his instruction. Yet on that basis the enrolment of the college represents \$17,500,000 in future wealth to the state.

"Much more significant, however, is the non-commercial, or spiritual value of educated men and women. Young men and women trained in colleges give to the communities to which they return high standards of manhood and womanhood, inspiring younger boys and girls, and stimulating mental, moral, and spiritual community betterment that can never be estimated in dollars and cents."

### FARMERS' SHORT COURSE ENROLMENT REACHES 52

#### One Student from Switzerland Enters for Work

Registration for the farmers' short course of the college had reached a total of 52 Tuesday afternoon. The majority of students enrolled in the course are from Kansas, although a number of men from Colorado, Nebraska, Missouri, and South Dakota have matriculated. One student enrolled for the short course from Switzerland.

## FUTURE NEEDS NAMED

### PRESIDENT'S REPORT LISTS ESSENTIALS FOR LATER DATE

New Library and Chemistry Building Must be Considered—Repairs and Additions to Anderson, Kedzie, Auditorium Suggested

In addition to requests for appropriations for items vital to the operation of the Kansas State Agricultural college, President W. M. Jardine's report lists essentials for the future.

"There are many other things that are badly needed and must be provided in the near future," the report states. "Important as they are, I cannot see my way clear to ask for them in these severe times, but I bring them to your notice and bespeak your earnest attention to them as essential to the future development of the institution."

"A new library building is a necessity. The open book is a great and vital symbol of education. To meet the standards required in the educational world we must have an ample and efficient library. In our present building the library has spread to parts that never were intended to be used by it, and consequently it is very badly arranged and inconvenient. Moreover, it is crowded and it is not fire proof. A very limited number of students may be accommodated at one time."

**CONGESTION IN AUDITORIUM**

"Serious congestion prevails in the department of music. Our work in that department has outgrown the present accommodations. It is necessary to rent additional rooms off the campus in order to meet the demands for training in that department."

"One of the finest things in the college is the fact that many students are taking one or more courses in music, not to become professional musicians, but to go back to their respective communities and be something more than merely specialists in their particular lines of work. Music is one of the things most needed in our rural life today, and these young people can and should take it to their home communities in addition to their major work."

"Our present auditorium can and should be remodeled. This can be done for \$75,000, and it will provide space to carry on our work in music for many years to come. Ultimately we shall require a larger auditorium, and a further remodeling of the present building."

**NEED CHEMISTRY BUILDING**

"There is urgent need for a new chemistry building. Chemistry is fundamental to practically all work in the natural sciences and in technical fields. Its importance is being more thoroughly recognized daily. Yet the chemistry laboratories are makeshifts and extremely crowded. In some classes students have to carry valuable equipment over the campus from building to building. A new chemistry building will remedy this situation and also give opportunity for expansion on the part of the department of physics."

"Several of the buildings on the campus need overhauling and remodeling. Particularly do Anderson hall—the administration building—and Kedzie hall, the building in which are housed industrial journalism and English."

"The building program provided for by the last legislature will be completed by next September, and will provide fairly well for all classes except those in chemistry, physics, and music."

"There is a pressing demand for the establishment of additional experiment stations at various places

(Concluded on page four)



# THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

W. M. JARDINE, PRESIDENT... Editor-in-Chief  
N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLEY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, JANUARY 10, 1923

## A RECORD OF SERVICE

The report of the Kansas State Agricultural college for the biennium that closed last June is a record of service in the best sense of the word. It is service without expectation of commensurate reward. Profit enters nowhere into the situation. The college served the people of Kansas for service itself, and for no other reason. It asks in return no reward. It seeks only such support as will enable it to continue giving this service.

In each division of its work—in its teaching on the campus, in its research, and in its education and other service off the campus—the institution has given to the people of the state things of tangible economic value, and things that can not be measured by any economic standard. Thus is removed the old antithesis between the mental and the spiritual. The two go together, each aiding and supplanting the other, in education as in the other phases of life.

## THE ASYLUM FOR MOBS

The report of the testimony about the mob murders at Mer Rouge, La., adds support to the contention of psychologists that action of this sort is not due to race antagonism or any other conscious mental bias, although it may be explained on these grounds by the perpetrators. As a matter of fact the stimulation for such crimes is sadistic; that is, it arises from that abnormal mental condition which finds sensual enjoyment in inflicting pain. The tortures to which the murdered citizens of Mer Rouge were subjected show clearly that this condition was the basis of mob action.

The masked men at Mer Rouge are perverts. Left at large, they are as dangerous as people afflicted with paranoia or any of the other well recognized types of insanity. Mob violence is often spoken of as a relic of the dark ages. Rather it is a symbol of the lunatic fringe of our present civilization. Members of mobs belong in the insane asylum—and they should be put there before they get to the point of committing murder.

## CORN TASSELS

J. H.

It's all over but the exchanging, suggests the Parsons Republican cheerfully.

Cigar ashes on the rug don't look a bit worse than face powder scattered all over the dresser, snaps the Clifton News.

"Now, Willie," said the superintendent's little boy, addressing the blacksmith's little boy, who had just come over for a frolic, "we'll play

Sunday school. You give me a nickel every Sunday for six months and then at Christmas I'll give you a 10-cent bag of candy."—Wathena Times.

The main trouble with wild women, philosophizes the Little Rock Gazette, is that they don't shoot that way.

When mention was made the other day of the Asiatic struggle, a Great Bend girl, the Tribune says, innocently inquired if it was a new dance.

An Atchison woman has been sobbing since Christmas, says the Globe. She mailed 4,899 Christmas cards, and received only 4,898, and her heart is crushed, or broken, or lacerated, or torn, or something.

Don't snore in church, advises the Hunter Herald. It's mean to keep others awake.

A scientist tells of discovering a land where there are wild women who have no tongues. "That's what makes them wild," explains the Washington Republican-Register.

It is not believed that the sight of Governor Davis' cow on the lawn of the governor's mansion will materially detract from the nifty calves that infest Kansas avenue, says C. E. Mann in the Osborne Farmer. Now, chuckles the Johnson County Democrat, we know why Colonel Mann wanted to go back to the legislature.

## A QUARTER CENTURY AGO

Items from The Industrialist, January 10, 1898

Editorial Note: At the opening of the year 1898 THE INDUSTRIALIST became a monthly magazine instead of a weekly periodical. Articles in the issue for January comprised the first instalment of "Outlines of the Financial History of the United States," by President Thomas Elmer Will; "The Chemical Constitution of Ether," by Professor George F. Weida; "The Purpose of Government," by Prof. Frank Parsons; "Reminiscences of Jamaica," by Prof. A. S. Hitchcock. A detailed outline of the new curriculum, comprising agriculture, engineering, and general courses, was presented. A number of local items were published.

J. S. C. Thompson's magazine, Western Homes, has suspended publication for lack of support.

Professor Cottrell and Assistant D. H. Otis were in Topeka Saturday, December 18, examining the working of the Topeka creamery.

The young ladies of the domestic science department served a noon lunch to the members of the board of regents on December 16.

The Pfeutze brothers, Emil, '90, and Carl, '93, made purchase of P. B. Wilson's lumber yard at Randolph, to take effect January 1.

F. E. Uhl, '96, of Gardner, Johnson county, spent his vacation in Manhattan and at the college. He is engaged in farming and reports a prosperous year.

Prof. C. C. Georgeson has wired his acceptance of a position in the department of agriculture at Washington, and will leave for the seat of his new duties about the middle of January.

Victor Irwin Sandt, '94, of Home, Marshall county, Kan., rejoices in the arrival on December 11, of an eight and a half pound prince whom he calls Nelson Mayo Sandt. We congratulate.

Under the headline, "An Interesting Paper," the Newton Optimist says, "One of the best talks made before the farmers' institute at this place was that of Prof. E. W. Bemis,"—then follows a full column account of it.

The board of regents of the Agricultural college, at their last meeting, awarded the printing of experiment station bulletins to the Mercury, whose bid was next above that of Ewing Herbert, of Hiawatha, who gave up the job.

Fannie Carnell, teacher of the Paradise school, was among the

teachers at the association last Saturday. She went from here to her home at Bunker Hill, whence after a short visit with home folks, she returned to her school duties.—Russell Reformer.

L. A. Pangburn of Waldo was about town last Saturday. He reports that his son, who is attending the agricultural college at Manhattan, is doing good work, and expresses himself as being well pleased with the administration of the college.—Russell Reformer.

The Russell Reformer publishes a full report of the farmers' institute held at Russell December 16. It speaks in high terms of the lectures of Professors Cottrell and Bemis, but complains of the small attendance.

of the new magazine may be counted the spirited illustrations by W. A. McCullough, L. J. Bridgman, H. P. Barnes and others. Its mechanical execution is faultless, its moral tone wholesome, and the publication deserves a wide circulation.

Dr. Paul Fischer, professor of veterinary science at this college, and Miss Loretta Smith, daughter of Mr. and Mrs. R. T. Smith, Loveland Ohio, were married on Wednesday, December 22, 1897, at the residence of the bride's parents, in the pleasant suburb of Cincinnati. Doctor and Mrs. Fischer will be at home to their friends after February 1, at the former J. S. C. Thompson residence, corner Juliette avenue and Humboldt streets. THE INDUSTRIAL-

## College Costs Each Kansan 35 Cents

Dr. W. M. Jardine

The cost of the college to the average citizen of the state is ridiculously low. Of each dollar of the 1922 tax paid by a Kansan only 11.2 cents are paid to the state. Of this 11.2 cents only .6 cents is spent by the Kansas State Agricultural college for its work.

The total money spent by the college in the fiscal year 1921-22 from state appropriations averages 69 cents for each citizen of Kansas, 18 cents being for buildings and the remainder for all other purposes. Direct taxation, however, furnishes only 52.5 per cent of the state income from which money to this institution is appropriated. The average cost of the institution in taxes for the year to each Kansan is therefore 52.5 per cent of 69 cents, or 35 cents.

The discovery of poisoned bait for grasshoppers, the introduction of alfalfa as a commercial crop, the development of Kanred wheat, the development of Kanota oats, the introduction of improved varieties of corn and sorghums, the development of methods of improving seedbed preparation for wheat, will yield in any one year a total financial return much greater than the total appropriations that have been made for the support of the institution from the beginning. There are years in which one of these enterprises alone returns more wealth to the state than the total appropriations that have been made for college support.

A time of agricultural and other depression is precisely the time when the work of the institution should be most effectively carried on. Upon it at this time rests a larger responsibility for service and there come to it larger demands from the people of the state for education and assistance of various sorts. In the hardest of times a per capita expenditure of 35 cents for the support of all the work of the college is exceedingly little to any citizen and is bound to give a many-fold return.

It seems that at no time were there over 25 persons present.

Mrs. Helen Campbell writes from Denver that she has been suffering from an attack of typhoid pneumonia. She is not well enough, as yet, to return to her work at Manhattan, much as she wishes to do so. Her efficient assistant, Miss Lottie J. Short, will conduct the classes for her in her absence.

The faculty of the agricultural college is actively cooperating in the farmers' institute work. The present management is anxious to be of some service to the people of the state and to assist in every way in disseminating information of value respecting agricultural matters.—Valley Falls Vindicator.

Married—at the home of the bride's parents, December 20, 1897, J. J. Southerland, of Chicago, and Ione Dewey, of this city. Mrs. Ione Dewey Southerland is a graduate of this college, class of '93. The couple left for Junction City to join the Payton Comedy company, of which both have been members for some time. THE INDUSTRIALIST extends congratulations.

With its November issue a new candidate for juvenile favor appeared, entitled Little Folks, an illustrated monthly for youngest readers, edited by Charles Stuart Pratt and Ella Farman Pratt; S. C. Cassino, publisher, Boston, Mass. Not the least of the many commendable features

ist congratulates the worthy couple upon their union and bids Mrs. Fischer a hearty welcome on behalf of the faculty and students to her new home.

The livestock producers of the United States are protected against the dangers of various plagues of domestic animals existent in other countries by quarantine regulations enforced by representatives of the bureau of animal industry. Never in our history has this country been so menaced by foot and mouth disease as in the last few years. It has existed in European, Asiatic, and South American countries and still exists in many of them, but our inspectors keep a close watch and hope to prevent another entry. Other serious diseases of domestic animals that have been kept out are contagious pleuropneumonia, rinderpest, surra, and Malta fever.

One way to catch coyotes is to place traps for them on sheep drive-ways just after the flocks are started down from the summer ranges. Almost immediately the coyotes that follow sheep bands are caught. One of the inspectors of the biological survey, United States department of agriculture, recently made a catch of 10 coyotes in seven days in this way.

Sweet clover is adapted to a wider range of climate than any of the true clovers. It is more drought resistant than alfalfa.

## DEFENSE

Gracia Pope Wood in The Midland

A gray road dusty under a cruel sun, Unpainted houses and a fence undone, People who talk of muslin and lard— Against these hurts I wear an armour hard. I need not fear their ache can stifle me, With white sails on it I have known the sea!

## SUNFLOWERS

H. W. D.

All ivory is divided into three parts—elephant, pyralin, and skull; and the greatest of these is elephant.

The United States is a republic in North America consisting of H. L. Mencken surrounded by 112,000,000 morons.

Even at that we should be much more strongly in favor of America's intervening in Europe if she had made a better record at regulating graft, bootlegging, and gang murder within her own borders. Archangelism should begin at home.

## THE MORONIAD

BOOTH 4 ELMER SMIRK

When Elmer Smirk

Prays to his Maker

In public

He tells Him all the news

And gives much sage advice

About affairs in Solitude, Making particularly good suggestions

Regarding the handling

Of the young folks

Of the village.

What do you suppose

The Almighty will do

When Elmer dies?

Judge Ben Lindsey has at last stepped forth with some good newsy doubts in regard to the efficacy of marriage as it is malpracticed nowadays. Now if William Jennings Bryan will quit torturing evolution and set us straight on getting married and staying that way we can go back to sleep and be good 100 per cent Americans ferevernever.

## FREE VERSE GETTING WORSE

Hens scratch

Cats claw

auction bridge is a good game, too.

They say the flapper is passing. Save father a place at the window, boys.

M. Coué, who says that he comes to help physicians—not to displace them, should be given to understand that our average family doc has had a good four years' training in an accredited medical school and takes two professional journals, one of which he occasionally reads, and that he therefore needs no help. When we consider the fact that most of our physicians had completed their training long before psycho-analysis, psychiatry, or even psychology was invented, M. Coué's presumption appears even more horrible. We fear that his visit will do little, if any, good.

## RETROSPECT

You love the glowing ember,

I, the living fire;

But what we both remember

Is our dead desire.

—Innomia.

Desirable bachelors—whatever they are—are hereby warned to choose their masters while the choosing is apparently theirs. Next year is divisible by four.

## SOUL SOBS BY ELOISE

"If music be the food of love,

The saxophone's an omelette."

—Shake.

I love the oodly saxophone That toots and yoodles all the day, I love its sloppy slobber tone, Its cooing, off-pitch, woozy way.

I worship Max, who blows the saxe, His eyes a-shut, his neck so tight, His hair all slick, his fingers quick, His foot a-patting through the night.

My heart quite leaves me when I hear Dear Max's saxe a-making moan, My sad soul sobs in goofy gobs, Just like his oodly saxophone.



## AMONG THE ALUMNI

Vera P. Noble, '17, is now at 2238 East Colfax avenue, Denver, Col.

A. H. Ganshird, '15, is located at 7707 Cannon street, Swissvale, Pa.

R. K. Farrar, '96, has removed from Ames, Iowa, to San Benito, Tex.

Ralph S. Erskine, '16, is food controller for the Omaha Athletic club at Omaha, Neb.

Thomas J. Harris, '14, is with the Portland Cement association, 111 West Washington street, Chicago.

Harry E. Van Tuyl, '17, first lieutenant, has removed from Fort Myer, Va., to 1819 West Pershing road, Chicago.

J. Seneca Jones, '08, complains that the Industrialist is not reaching him regularly at 2276 Carter avenue, St. Paul, Minn.

Lillie E. Lundberg, '14, Manhattan, advises that her address be changed to Mrs. W. O. Anderson, '14, Route 1, Waterville.

Caroline Sloop, '20, has changed her name to Mrs. Howard Pence, and is living "a happy life out on the farm near Dunavant."

J. A. Cook, '19, is living at 1918 Berenice avenue, Chicago. For the sake of his old class numerals he should have moved across the street.

H. Clay Lint, '11, touring the U. S. A. in the interests of a sulphur company, expects to join the California Aggies in their banquet January 12 at Berkeley.

A. R. Losh, '10, accepts active membership in the alumni association from 1912 F. & M. Bank building, Fort Worth, Tex., where he is with the bureau of public roads, U. S. D. A.

Stuart S. Young, '08, proprietor of the Star Electric company, Coffeyville, checks in for active membership. He boosts for K. S. A. C. broadcasting concerts and pep meetings by radio.

H. H. Amos, '16, checks in from Sandstone, Minn., where he is head of the Smith-Hughes agriculture work in the consolidated school district. He and Olive (Wright) Amos, f. s., wish to hear some K. S. A. C. radio pep meetings.

### Enlow Heads Geary County

Geary county alumni and former students, aided by a holiday group from the college, organized a county K. S. A. C. association at a dinner in the Bartel house, Junction City, December 27. Albert Dickens, '93, and Oley Weaver, '11, supplemented the list of student and alumni speakers. The following officers were elected:

Charles R. Enlow, '20, Junction City, president; L. B. Streeter, '07, Wakefield, vice president; Alpha C. Latzke, '19, Junction City, secretary-treasurer; Charles E. Zollinger, '19, Junction City, stadium committee chairman.

### Republic County Comes In

Republic county K. S. A. C. alumni met Wednesday evening, December 27, at the Hotel Elliott in Belleville and organized a permanent alumni association. Before the business meeting a banquet was served.

M. G. Kirkpatrick, superintendent of the Belleville schools, and formerly on the faculty of the college, acted as toastmaster. Every person was called upon to say something regarding conditions at the college now or when he attended. There was an abundance of enthusiasm which was turned to definite account in planning a banquet and program to be given in the spring, for all Republic county high school seniors.

The success of the meeting was due to the efforts of the committee appointed by the county student organization at the college, composed of F. E. Charles, Republic; Paul

Bachelor, Belleville, and J. G. True, Scandia.

The county association officers elected were Louie Brigham, F. S., Cuba, president; M. G. Kirkpatrick, '15, Belleville, vice president, and Hettie (Carris) Lahr, '20, Belleville, secretary-treasurer.

### Marshall County Elects

A joint meeting of the alumni and Marshall County Student club of K. S. A. C. was held in the chamber of commerce rooms, Marysville, December 27. After a social half hour all went to Temple's tavern where a dinner was served. Later there was a program at the chamber of commerce rooms. The purpose of this meeting was to "talk stadium."

Prof. H. H. King began with an address "The Stadium Completed." Other speakers were Prof. C. O. Smith, "Choosing the Site;" J. J. Inskeep, "Letting the Contract;" Emil Von Riesen, '24, "Laying the Cornerstone;" Lillian Rommel, '23, "The Building in Process of Construction." A short business session was held by the alumni at which the following officers were elected: Wright Turner, '21, Waterville, president; G. W. Williams, '15, Bigelow, vice president; Lillian Rommel, '23, Waterville, secretary-treasurer; stadium committee, W. Turner, '21; J. Frost, '92; C. Walker, '08; W. T. Scholz, '07; and Francis Tottens, '20.

### A Stir in Coffey

More than 30 K. S. A. C. former students and alumni met in Coffey county during the holidays and formed a temporary K. S. A. C. association. The Aggies met at the country club house in Burlington Saturday evening, December 30, and representatives were present from every part of the county. M. A. Limboccker, '95; H. W. McFadden, '13, and J. Oscar Brown, '20, gave short talks and Eva (Platt) Brown, '22, sang a solo. Glenn Allen, '20, was elected president and Mary Hill, '20, secretary-treasurer of a temporary association which will meet soon to organize permanently.

### Bryson to Be a "Prof"

Homer G. Bryson, '22, has resigned his position as city editor of the Eaton (Ohio) Register-Herald to become instructor in agricultural journalism in the Iowa State college. Mr. Bryson did unusual work as a student in the course in industrial journalism, being equally at home in writing technical articles and in conducting a column of humor. He has been successful likewise in his editorial work since leaving college.

### A New Year's Boost

"I am beginning the new year right by joining the ranks of the actives in the alumni association," writes Ruth K. Huff, '19, Spivey.

Miss Huff is teaching home economics in the rural high school and likes her work better than ever, she says.

### "Az" Looks In

A. Endacott of Rush, Endacott and Rush, architects, 101-4 Lorton building, Tulsa, Okla., prominent in the management of various student enterprises on the campus a dozen years ago, looked in on the college after Christmas. He has not lost interest in the architectural department of the college and plans to return at some time to complete his work for a degree.

"Az," by which name he was known familiarly as a student, has been working for himself since leaving college, and the type of energy formerly lost in "saving the country" has been instrumental in building up a successful practice for the architectural partnership.

### Stanley, '12, Up a Rung

W. E. Stanley, '12, has become a junior member in the engineering firm of Pearse, Greely, and Hansen, 39 West Adams street, Chicago.

## CAMPUS COVERS KANSAS

### EDUCATION AND OTHER SERVICES CARRIED THROUGHOUT STATE

K. S. A. C. Regards It as One of Great Divisions of Work of Institution, President Jardine Declares in Biennial Report

One great division of the work of the Kansas State Agricultural college, education and other service off the campus, is based on the conviction that the state itself is the larger campus of the institution, President Jardine declared in his biennial report.

"The institution owes a debt not only to those who come to it for instruction but to every citizen of Kansas," he continued. "There is no man, woman, or child in the state who may not receive from the college a sound, dependable service if he but asks for it. There is no county in the state, however remote, in which the agricultural college is not performing some special service to the citizens. Each phase of work which is offered on the campus has its counterpart in work which the institution does in the state."

Some of the services of the college off the campus during the two years covered by the report are as follows:

#### DISEASE AND ANIMAL CONTROL

The college distributed 62,964 doses of blackleg filtrate and 2,150,120 cubic centimeters of hog cholera serum; examined 349 diseased chickens; supplied data regarding poultry diseases to 1,367 persons; distributed 1,152,920 doses of gopher and prairie dog poison; and carried on 11 cooperative experiments in plant disease control.

The college carried on with farmers, 1,814 cooperative experiments on soils and field crops and 13 such experiments on garden and orchard crops; furnished 5,867 items of information regarding orchard and garden crops; furnished 446 items of information regarding agricultural chemistry; cooperated with 1,137 farmers in agricultural economics investigations; cooperated with 200 grain elevators in wheat marketing studies; directed 201 landscape gardening enterprises; distributed 18,445 garden, forest, and ornamental plants, and gave 371 direct instructions for animal husbandry enterprises.

#### SEED TESTED FOR PURITY

The college examined 670 wheat samples for milling quality; made 3,449 tests of seeds for germination or purity; inspected 49 sorghum, 290 Kanred wheat, and 207 Kanota oats samples for seed; visited 34 orchards in special tours; and examined 263 soil samples for nitrogen fixing ability.

In 98 counties, farmers interested in every type of agriculture attended meetings and cooperated in conferences and demonstrations as follows: crops, 13,624; soils, 7,678; animal husbandry, 54,175; animal diseases, 10,452; rodent control, 5,184; entomology, 10,902; plant diseases, 4,751; farm management, 3,127. A total attendance of 40,847 registered in institutes and extension schools.

#### SERVICE GOES TO HOMES

The citizens of Kansas were served through 5,123 commercial feeding stuffs inspections; 3,555 inspections of cream stations, creameries, and dairies; 1,870 inspections for bee diseases; 254 inspections of fertilizer sales places; inspection of 101 orchards and plantings; 5,540 stallion registrations; examination of 1,178 samples of commercial feeding stuffs; analysis of 149 fertilizer samples; inspection of 68 nurseries, examination of 246 samples of milk and 87 of water, and analysis of 1,627 samples of food.

Home economics graduates of the college to the number of 407, teachers to the number of 250, and 50 workers in commercial and institutional management are raising the standards of Kansas homes. As a further practical service the college gave 290 lectures and decisions at fairs on home economics matters and

distributed 1,874 copies of "Practical Cookery," 1,820 copies of "Etiquette and Service," 6,397 copies of "Meals for Harvest Time," 3,619 copies of "Judging Fairs," and 188 copies of "Club Lessons".

#### ROAD MATERIAL TESTED

The 12 home demonstration agents in the state visited 2,824 homes and held 2,450 meetings dealing with subjects of the utmost importance to home and child life. At the special nutrition meetings 22,789 persons were present. Household management meetings attracted an attendance of 8,956. The number attending lectures and demonstrations in home nursing was 8,891, while those present at clothing and millinery conferences were 17,116, and 2,507 women attended meetings dealing with food preservation.

The college tested 9,977 samples of road materials, 240 samples of oils and greases, and 143 samples of paints. It made 33 inspections and reports on the plants of other state institutions. Twenty-four drainage districts were served. A total of 147 farm drainage projects, 54 farm irrigation projects, 40 farm machinery projects, and 29 water and sewage projects were handled. Plans for all farm buildings were drawn. Inspections and reports on engineering and architectural projects numbered 181. Radio data were furnished to 395 persons.

#### SPECIAL LESSONS BY MAIL

Through special lessons, books, and other information citizens of Kansas in their homes were enabled to receive the benefit of college instruction, 40,120 vocational and credit courses being distributed 10,500 special home courses given to teachers, and 16,900 persons instructed by lantern slides. Kansas citizens enrolled in home study numbered 2,006 and 1,008 were in special study centers established at various points of the state.

A total of 842 boys' and girls' clubs held 4,100 meetings with an attendance of 101,998. The boys and girls of the state have been further reached by 281 graduates and former students placed in teaching positions and by 72 graduates of the college teaching agriculture in Kansas high schools, while further stimulation has been given by a college judging contest in which 300 high school students took part, by high school contests in which there were 118 entries, by judging of livestock and other agricultural products, by oratorical contests, by debates, and by many other special services.

#### FARM BUREAUS, 61

Farm bureaus with a total membership of 29,792 were organized in 61 counties. County agents, cooperating with farmers, held bureau meetings with an attendance of 189,098. They made 43,778 farm visits and in their offices met 207,957 farmers and others interested in agricultural information.

A total of 1,632,349 bulletins and circulars was distributed to farmers, housewives, and other citizens of Kansas. These publications dealt with agricultural, home economics, engineering and other subjects of practical benefit to citizens of the state.

#### Dickinson County Organizes

Dickinson county stepped into the K. S. A. C. county organization list December 27 when a group of students home for the holidays met with the alumni and former students at the country club, Abilene, for a luncheon and talkfest. Prof. Albert Dickens, '93, and Oley Weaver, '11, alumni executive secretary, were present. The following officers were elected:

Verla Dahnke, '20, Abilene, president; Ralph P. Ramsey, '16, Solomon, vice president; Daisy (Hoffman) Johtz, '00, Abilene, secretary-treasurer; Ralph A. Van Trine, '19, Abilene, stadium committee chairman.

### Butler Aggies Start Organization

Thirty-five alumni, former students, and students of Butler county attended the dinner given by the student county club in the grill room of the Hotel El Dorado December 29. A. P. Atkins, junior in agriculture, acted as toastmaster. Talks were made by Eleanor Watson, senior in home economics; Guy Faulconer, freshman in agriculture; John Steiner, junior in engineering, and a football veteran; Bernard Harter, sophomore in industrial journalism, and a member of the 1922 football team, and Morse Salisbury, director of publicity for the memorial stadium campaign.

A temporary organization with Mary (Johnson) Hull, '15, as chairman, was formed. She appointed Gladys (Kirchner) Buntin, '14, Augusta; Romy Seward, f. s., Leon; Dr. E. J. Jelden, '21, Whitewater; Arthur Crocker, f. s., Cassody; A. M. Butcher, '16, Dr. A. H. Gish, '10, Martha (Webb) Dunn, '19, El Dorado, members of a committee to arrange for a meeting at the Hotel El Dorado January 12.

### Henney Heads Chase Countians

Homer Henney, '21, Cottonwood Falls, was elected president of the Chase County K. S. A. C. association at a meeting of students and alumni held in Cottonwood Falls December 29. W. E. Stone, '23, was chosen secretary-treasurer.

The president of the association was given authority to select a memorial stadium campaign committee.

### Vets To Give Lectures

Dr. F. R. Baudette, '19, of the bacteriology department of the college, and Dr. A. T. Kinsley, '99, now of Kansas City, Mo., will address graduate veterinarians in a two weeks' short course during January at Indianapolis, Ind. The Indiana Veterinary college has scheduled the course, and it will start January 15. Other prominent doctors will talk at these meetings.

Doctor Beaudette will speak on poultry diseases and his lectures will be on sanitation and hygiene, post mortem technique, roup, cholera, fowl typhoid, tuberculosis, blackhead, white diarrhea, nutritional diseases, parasitism and coccidiosis.

Doctor Kinsley will address the conference on the diseases of pigs. Doctor Kinsley taught in the department of bacteriology here for several years after his graduation and later went to Kansas City. He spends a great deal of his time addressing conventions and other veterinary meetings.

### Wabaunsee County Organizes

A K. S. A. C. association of residents of Wabaunsee county was formed at a meeting in Alma during the holidays. Mrs. Alfred Umbehr, f. s., Alma, was chosen president, Rudolph Steuwe, '16, Alma, vice president, and Elizabeth Adams, '19, Maple Hill, secretary-treasurer.

### Sumner County Meeting January 25

January 25 was selected as the date for a general meeting of Sumner county alumni and former students at a conference held December 28 at Wellington. A group of 18 alumni, former students and students met in the office of W. A. Boys, '04, county agent. Boys, R. D. Harrison, '06, South Haven; Clinton Guy, '21, Argonia, and Jeanetta James, '14, Wellington were named to make arrangements for the meeting.

### An Aggie Dinner in Denver

Professors McCampbell, '06, and Bell and the stock judging team will be the campus representatives at an Aggie banquet in the Shirley Savoy hotel, Denver, at 6 o'clock, January 16. Arrangements are being made by Edwin H. Snyder, '88, president of the Colorado K. S. A. C. association, Mary (Strite) Burt, '05, secretary, and G. C. Wheeler, '95, member of the advisory council of the general alumni association, all living in Denver.



## TESTS SAVE MILLIONS

### COLLEGE SCIENTISTS SHOW LONG LIST OF ACHIEVEMENTS

Research and Investigation at K. S. A. C. Yield Discoveries of Great Value to Citizens of State, According to President's Report

One of the three great functions of a college, according to the biennial report of President W. M. Jardine, is research and investigation. Among achievements of the Kansas State Agricultural college in research and investigation in the past, the effect of which still continues, are the following, the report states:

The introduction of alfalfa as a commercial crop.

The development of poison bait for grasshoppers, which is now used throughout the United States and in many foreign countries and has saved the farmers of Kansas more than \$100,000,000.

The introduction of Kanred wheat.

The introduction of Kansas orange sorghum and other adapted varieties of both grain and saccharine sorghums.

The development of improved methods of seedbed preparation for wheat.

The invention of germ-free fluid vaccine for blackleg.

The development of improved varieties of corn.

The development of methods of controlling chinch bugs and Hessian flies.

The discovery of methods of improving the productivity of hens.

MANY PROJECTS IN 1920-22

In the past biennium a large number of experimental and investigative projects were carried on. Those completed or in progress include the following:

Investigation of costs of diversified farming, specialized grain farming, and range livestock production.

The marketing of Kansas wheat shown by investigations on 743 farms and 403 elevators.

The effect of cutting alfalfa at four different stages of growth.

The effect of various methods of preparing seedbeds for wheat, on yield and quality of grain, on moisture, on plant food, and on the humus content of the soil.

The furrow method of seeding winter wheat.

KANOTA OATS YIELDS HIGH

Cooperative experiments conducted with farmers to the number of 290 on seed oats, corn, sorghums, alfalfa, soybeans, and sugar beets.

Tests of Kanota oats, a new variety developed by the experiment station showing that it outyields Burt 3.5 bushels, Nebraska No. 21, 6 bushels, and Texas Red 11.5 bushels.

The utilization of silage in finishing baby beef and as a winter ration for cattle.

Comparison of white and yellow corn as a food for swine.

Pasture values and pasture methods for horses, cattle, sheep, and swine.

Studies of insects injuring wheat, corn, fruit, sorghums, alfalfa, and shade trees.

Methods of wintering bees.

GETS NATION'S ATTENTION

Tests of commercial fertilizers and green manure crops for orchards. Artificial production of immunity to abortion in cattle.

Damage to crops done by moles and gophers.

Investigations of a nitrogen fixing group of bacteria which was found to be lacking in 50 per cent of Kansas soils but the absence of which may be corrected by the application of lime.

Determination that certain varieties of wheat are resistant to the Hessian fly, and certain varieties of sorghums very susceptible to chinch bug injury while others are highly resistant.

Methods of heating water in the home, which investigation has attracted wide attention throughout the country.

Efficiency of automatic ventilators, Farm sewage disposal systems.

Causes and remedies for storage battery troubles.

Elimination of glare from automobile headlights.

HEALTH FACTS DISCOVERED

Work of vaccines for infectious pneumonia in calves and abortion in mares.

Work on a serum to control a certain form of diarrhea in calves.

The causes of the failure of children in the first six grades of the school.

Testing of standards of mental development for children under five years of age.

Tests of fastness of colors in fabrics under exposure to light and moisture.

Study of cost and suitability of wardrobes for girls and women.

Systems of accounting for cafeterias and tea rooms.

Household methods of desiccating sweet potatoes.

The effect of limited diet on the growth and strength of bone.

## SUPPORTS PLAN TO FINISH DORMITORY PROGRAM

President Jardine Points Out Needs of Suitable Accommodations for Girls Students

The plan being pushed by the Kansas Council of Women and other organizations of the state to complete the dormitory program of the state institutions by erecting a women's dormitory here, receives strong support in the biennial report of President W. M. Jardine.

Doctor Jardine says

"For years the women of Kansas

have urged a system of dormitories

for young women. Largely as a

result of the efforts of the Kansas

Council of Women, representing 90,-

000 women citizens, the last legisla-

ture appropriated \$500,000, consid-

ered by the members to be adequate

to build one dormitory at each in-

stitution. Bids obtained for the

dormitories showed that the appro-

riation was inadequate. To meet

the situation the Kansas State Agri-

cultural college waived its rights,

thus making available a sum large

enough to complete one dormitory

at each of the other four state edu-

cational institutions.

"The completion of the dormitory

program, with an appropriation of

\$175,000 for a dormitory at the Kan-

sas State Agricultural college, is

being urged by the women of the

state, and I am glad to commend

their proposal to the favorable at-

tention of the authorities of the

state. Dormitories for women are

seriously needed at this institution

and their erection would mean a de-

finite step forward, economically, so-

cially, and otherwise, in the behalf

of the young women of this college."

OREGON STATE CONSIDERED FOR

SIGMA DELTA CHI EFFICIENCY

Industrialist Omits Name in Report of

Convention

Through error, THE INDUSTRIALIST,

in its report of the recent convention

of Sigma Delta Chi held here, omit-

ted the name of the Oregon State Agri-

cultural college chapter in the list

of those considered by the commit-

tee on chapter efficiency. Ten chap-

ters were named in the report as

meriting consideration, among them

being Oregon State. In its original

report THE INDUSTRIALIST stated that

nine were considered.

FUTURE NEEDS NAMED

(Concluded from page one)

in the state, particularly in south-

eastern Kansas. The states of Mis-

souri, Illinois, and Ohio have found

that for a relatively small amount of

money, invaluable information can

be secured by the establishment of

outlying field stations. If we had

available \$10,000 a year to finance

this work, it would take care of the

situation fairly well. It would en-

able us to establish outlying field

stations in five to ten localities of

the state which are not adequately

represented by any of the existing ex-

periment stations, but are in acute

need of information regarding soil

## FOUR GIVE RADIO TALKS

K. S. A. C. FACULTY MEN SPEAK ON VARIETY OF SUBJECTS

Seaton, Baker, Davis, Knoth Give Addresses on Engineering Education, Home Planning, New Year Resolutions, Athletics

Four members of the Kansas State Agricultural college faculty gave addresses which were broadcasted from the Kansas City Star's radio sending station during the holidays. The subjects discussed were engineering education, home planning, new year resolutions, and intramural athletics.

R. A. Seaton, dean of the division of engineering, spoke of the increase in enrolment in engineering schools and of the service given by graduates.

HAS PHENOMENAL GROWTH

"Engineering education has had a phenomenal growth in recent years,"

Dean Seaton said. "The number of

engineering students in colleges of

the United States has greatly in-

creased and indications point to a

continued steady growth. In 1870

there were about 1,400 students in all

branches of engineering, while in

1910 there were 30,000 and in 1922,

53,000.

"One has but to note the tremen-

dous increase in the last few years in

the use of automobiles and motor

trucks, of telephones, of electric

lights and power, of machinery and

manufactured goods, and the great

progress in improving our highways,

to realize that engineers are re-

quired in constantly increasing num-

bers to carry on this work."

HOME PLANNING—BAKER

C. F. Baker, head of the depart-

ment of architecture, made an ap-

peal for a consideration of air, sun-

shine, conveniences for the house-

wife, and landscaping in planning a

home. Simplicity of design was

especially emphasized.

"A house with a simple well pro-

portioned exterior always looks bet-

ter than one with a lot of jig-saw

work, or one built of three or four

different kinds of materials, painted

in as many different colors," he

stated. "The simple plain house is

usually the best and costs less than

the fussy over decorated one. Some

houses look as though they were all

decked out for a fancy dress party,

but unfortunately they must wear

the same costume for a long time.

The carefully designed, modestly

decorated, and comfortably, but

simply, furnished house will be a

life long friend; you will not tire of

it, and it will always welcome you

home."

GET FUN, H. W. D. URGES

H. W. Davis, head of the English

department and editor of the Sun-

flower column in THE INDUSTRIALIST

stressed the importance of fun in an

address on "Sunflower Resolutions."

"Fun is made from equal parts of

common sense, trust in God, and ha-

traced of pretense and hypocrisy,"

Professor Davis declared. "The Phari-

sees and the boobs detest it. Try it

on some of your relatives and your

neighbors. Try it on young Miss

1923 the first time she tries to spoof

you into believing that the millen-

ium is at the door, that youth is

flirting with the eternal bow wows,

that taxes will be reduced, that all's

right with the world, or that short

skirts are gone forever.

"Get all the fun out of 1923 that

you can. It is the only thing you

can get that nobody—not even

Henry Ford or the meat trust—can

take away from you."

IDEALS FOR ATHLETICS

E. A. Knoth, assistant professor of

physical education in K. S. A. C., in

charge of intramural athletics in the

college, told what aims and ideals a

systematic program of physical edu-

cation should have.

"Certain habits and ideals which

function in later life should be pro-

duced," he said. "Our first aim in

physical education is to produce bod-

ily health. Erect posture, self re-

## ASKINGS ARE MINIMUM

(Concluded from page one)

new main laid to connect with the city supply, and a centrifugal pump provided for fire and emergency service. These improvements will require \$25,000—\$15,000 for 1923-24 and \$10,000 for 1924-25.

By the use of local road materials the state can save hundreds of thousands of dollars but tests are necessary to determine which of these materials will give satisfactory service.

The road materials testing laboratory has tested all materials going into federal aided road projects in the state. Two years ago no provision was made by the legislature to finance this work and it has been carried on by drawing from other resources. This cannot longer be done.

Many states are spending annually from \$30,000 to \$50,000, on this kind of work. Kansas needs \$10,000 a year, and cannot continue this work for less than \$5,000.

SOIL SURVEY ESSENTIAL

A knowledge of what soil contains

and what it needs is essential to

sound permanent farming. Several

states have practically completed soil

surveys but Kansas has covered only

12 counties, no funds having been

appropriated for this purpose recently.

Little of the soil resources and

needs in the other counties is known.

The federal government is willing to

cooperate with this state on an equal

financial basis in soil surveys. A

state appropriation of \$5,000 a year

should be made and continued until

the soil of Kansas has been completely

surveyed.

For many years the departments of

chemistry and physics have been

overcrowded. There has been occa-

sional temporary relief, but now con-

ditions are such that freshman stu-

dents are obliged to carry laboratory

apparatus from building to building

and even then have accommodations

wholly unfitted for the work. The

old dairy building, by suitable re-

modeling so as to utilize the attic

and basement, may be made to serve

for several years. Engineers have

estimated that suitable improve-

ments in this building can be made

for a minimum of \$25,000. More re-

lief will be obtained through the ex-

penditure of this amount of money

on this building than in any other

way.

POWER PLANT REPAIRS ASKED

The present power plant is danger-

ous to life and property, uneconom-

ical, and results in frequent partial

failures of service. Much of it has

been used more than a quarter of a

century and some of the boilers were

bought second hand 30 years ago.

The plant is now greatly overloaded

and in its present condition can not

possibly care for additional buildings

under construction.

A new plant is acutely needed but



# THE KANSAS INDUSTRIALIST

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Number 16

## STATE MEETINGS HERE

### ELEVEN DATED AT COLLEGE FARM AND HOME WEEK

State Farm Bureau and Crop Improvement Association Among Agricultural Groups to Convene at K. S. A. C. February 5-10

Eleven state agricultural associations will hold their annual meetings at Kansas State Agricultural college during Farm and Home week, February 5-10.

The Kansas State Farm bureau will start the series of conventions when it holds its annual meeting at the Manhattan Community house, Monday and Tuesday, February 5 and 6. On Tuesday the Kansas Poland-China Breeders' association and the Kansas Duroc-Jersey association will hold meetings at the college.

#### TWO HERE FEBRUARY 7

The Kansas Crop Improvement association will begin its two day meeting on Wednesday, February 7. Other annual meetings scheduled for Wednesday are the Kansas State Dairy association, Kansas Horse Breeders' association, Kansas Sheep Breeders' association, and Kansas Sheep and Wool Growers' association.

Thursday's meetings include those of the Kansas Shorthorn Breeders' association, the Kansas Hereford Breeders' association and the second day of the Crop Improvement association meeting. The Kansas Improved Livestock Breeders' association will hold its annual meeting on Friday, February 9.

#### EDITORS HERE FEBRUARY 9

A conference of Kansas editors in attendance at Farm and Home week will be held on Friday, at which Samuel R. McKelvie, former governor of Nebraska and publisher of the Nebraska Farmer, will speak.

## DEBATE SEASON OPENS —WOMEN TAKE HONORS

Co-eds Win Engagements Against Emporia—Men Divide Honors with Ames—More Dates Arranged

The K. S. A. C. women's debate teams opened the season last Thursday with a double victory over the women's teams of the Kansas State Normal school. The Aggie affirmative team, composed of Helen Correll and Leonora Doll, Manhattan, and Roxie Meyer, Wamego, won by unanimous decision from the Normal negative team. The decision at Emporia was two to one for the K. S. A. C. negative team, which was composed of Jessie Newcomb, Garnett, and Phyllis Burtis and Edith Nonken, Manhattan.

The question discussed was: Resolved, That Congress Should Enact Legislation Totally Restricting Immigration to the United States for a Period of Ten Years.

The men's teams of K. S. A. C. divided honors with Iowa State college in debates Saturday night. The K. S. A. C. affirmative team won a two to one decision. W. E. McKibben, Wichita; H. L. Burnett, Dodge City; and Christian Rugh, Abilene, composed the team.

The debate at Ames resulted in a victory for the Iowa State team. R. W. Sherman, Burlington; O. M. Williamson, Kansas City; and E. W. Merrill, Manhattan, are the men who made the trip to Ames.

The question was: Resolved, That the Federal Government Should Own and Operate All Bituminous Coal Mines in the United States.

Arrangements have been completed for the men's annual dual debate with the Kansas State Normal school, which will be held March 22. Another debate which will be of interest this spring will be the women's annual contest with Kansas univer-

sity. Last year, one team from each school was successful.

A western trip to Colorado and Montana is being planned for the men's teams some time in the spring. The teams of Colorado State college and Montana State college will be included on the itinerary. Debate is coached at Montana State by J. Wheeler Barger, who was graduated last year from K. S. A. C.

The trip will be a step in extending debate relations between K. S. A. C. and other state colleges.

## JARDINE REPRESENTS WESTERN AGRICULTURE

President of K. S. A. C. Appointed Member of Advisory Council American Bankers' Association

An invitation from the American Bankers' association to become one of the three members of the advisory council of its agricultural commission was accepted yesterday by Dr. William M. Jardine, president of Kansas State Agricultural college. The president will serve on the board as western representative, and will be spokesman for the agriculture of the entire west.

The telegram from J. H. Puelicher, president of the American Bankers' association, extending the invitation, follows:

Recognizing your splendid interest in the whole field of agriculture, I invite you to become a member of the advisory council of the agricultural commission of the American Bankers' association to serve jointly with Dean Russell of Wisconsin and Dean Dobson of Louisiana.

The plan was inaugurated by the bankers association in an effort to come into closer touch with the farmer. President Jardine expressed himself as being much pleased with the opportunity afforded him to be of service both to the farmer and to the banker.

## BUSHNELL AND GAINNEY ATTEND MEETING OF BACTERIOLOGISTS

K. S. A. C. Men on Program of Scientific Association

L. D. Bushnell, head of the department of bacteriology, and P. L. Gainney, professor of soil bacteriology, Kansas State Agricultural college, attended the annual meeting of the Society of American Bacteriologists in Detroit December 28-30. Professor Bushnell presented a paper entitled "The Relation Between Bacillus Aviseppicus Types Isolated from Roup and Fowl Cholera". He also read a paper by F. R. Beaudette, assistant professor of bacteriology in the college, entitled "Agglutinins for Bacillus Pullorum in the Albumin of Hens' Eggs." Professor Gainney presented a paper entitled "Innoculating Soils with Azotobacter."

## "CREATION" AND "THE MIKADO" ON SPRING FESTIVAL PROGRAM

April 23-28, Dates Set for Annual Week

The date for the Spring festival of the K. S. A. C. music department has been set for April 23 to 28, inclusive. The college orchestra and chorus will present "Creation," by Haydn. A student cast will present the Mikado under the direction of Prof. W. Lindquist. Special scenery and costumes will add to the beauty and effectiveness of the opera.

Purple Masque will present its annual play. The title will be announced later. Festival week will close with two concerts by the Minneapolis Symphony orchestra the afternoon and evening of April 28.

Out of every \$100 received from farm sales in the United States, \$55 comes from sales of livestock and livestock products, and \$45 comes from sales of crops.

## HOME PROGRAM FULL

WOMEN'S PART IN BIG WEEK NOT TO BE NEGLECTED

Wardrobe, Furniture and Decorations, Kitchen, Sick Room and Community Activities Are Subjects to Be Discussed by Specialists

The wardrobe, the furniture and decorations, the kitchen, the sick room, and the community activities open to women will all be given attention in the Farm and Home week program of the division of home economics. The program is an extensive one, in which practically all of the home economics staff will take a part.

Miss Jessie M. Hoover, milk utilization specialist of the United States department of agriculture, will give the evening assembly address on Tuesday, February 6. Her subject is "Milk, an Important Food." She will also speak to the home economics section on Wednesday morning. Miss Hoover is a Kansas girl, a graduate of K. S. A. C. in the class of 1905. She has been with the department of agriculture since 1918. During the war she was director of home economics for the Idaho food administration.

#### CHAMPION TEAM COMING

The Springdale Clothing club demonstration team, from Leavenworth county, whose demonstration on clothing accessories won the grand championship at the Interstate fair, Sioux City, last fall, will give the champion demonstration at the Tuesday evening assembly.

Three farm women who are local leaders in millinery extension work, will assist Miss Maude Finley, millinery specialist, in her demonstration on millinery instruction. Mrs. Ralph Searle of Shawnee county, Mrs. J. V. Chitwood of Pratt county, and Mrs. A. P. Foster of Gray county will each tell of some particular phase of the work.

#### TO INSPECT CAFETERIA

An inspection trip through the new cafeteria will be made Tuesday afternoon. A clothing exhibit is scheduled for Tuesday morning and an exhibition of furniture, for Wednesday afternoon.

## GRIMES, GREEN, BURR, ILES ATTEND CHICAGO MEETINGS

College Faculty Members Appear on Program

Prof. W. E. Grimes and Prof. R. M. Green of the department of agricultural economics, attended the annual meetings of the American Economic association and the American Farm Economic association which were held in Chicago during the Christmas holidays. Professor Grimes gave a paper before the American Farm Economic association entitled "The Problem of Rent and Interest in Cost Determination." Professor Green lead the discussion of a paper entitled "The Possibility of Improving the Farmers' Conditions Through the Improvement of Marketing Methods", by Prof. H. B. Price of the University of Minnesota.

Others from K. S. A. C. who were attending meetings in Chicago at this same time included Prof. Walter Burr, who took part in the programs of the National Community Center association and the American Sociological society, and Prof. I. V. Iles, who was attending the meetings of the American Political Science association.

## AGGIE JUNIOR STOCK JUDGING TEAM WINS SECOND AT DENVER

"Every Man Did Fine," Bell Says—Moxley High Individual

The junior stock judging team of K. S. A. C. received second prize at the National Western Judging con-

test at Denver Saturday. Colorado received first; Nebraska, third; and Wyoming, fourth.

K. S. A. C. has taken first prize for the past three years, which entitled them to keep the trophy. For the first time the junior team was sent to the contest instead of the senior team. The team has had only one month's practice.

H. F. Moxley, Osage City, was the high man in the contest. Aden Magee, Manhattan, third place. J. L. Farrand, Hunter, placed highest in judging fat stock. G. R. Warthen, Webb City, Mo., and A. P. Atkins, El Dorado, were the other members of the team.

"Every man did fine," Prof. F. W. Bell, coach, said.

## FOUR GRID GAMES TO BE PLAYED AT HOME

Thanksgiving Contest at Lincoln—Washburn, Creighton, Missouri, Oklahoma to Meet Wildcats Here

Four games at home and four on foreign gridirons will be played by the Kansas Aggie football team in 1923, according to the completed schedule for next season announced today by Mike Ahearn, athletic director. The home games are with Washburn, Creighton, Missouri university, and Oklahoma university. The Aggies will play Ames, Grinnell, K. U., and Nebraska away from home.

The Thanksgiving game is with the Cornhuskers at Lincoln. The Aggies will meet the Jayhawkers at Lawrence on the last Saturday of October, the same as last season. The Missouri date next fall falls on the same Saturday as that of the Missouri game last season, November 3.

The Oklahoma date is moved up and the Ames date moved back. Washington is not on the Aggie schedule next season, but Grinnell is added. Texas Christian is dropped and Creighton added. The schedule follows:

October 6—Washburn at Manhattan.  
October 13—Creighton at Manhattan.  
October 20—Ames at Ames.  
October 27—Kansas at Lawrence.  
November 3—Missouri at Manhattan.  
November 10—Grinnell at Grinnell.  
November 17—Rest date.  
November 23—Oklahoma at Manhattan.  
November 29—Nebraska at Lincoln.

## AGGIE BASKETEERS LOSE FOUR STRAIGHT CONTESTS

Meet Oklahoma and Washington This Week End

The Aggie basketball team lost its fourth successive game Tuesday night when the Drake five won 38 to 12 in Nichols gymnasium. Previous scores follow:

Nebraska 21, Aggies 15.  
Missouri 41, Aggies 17.  
Washington 21, Aggies 13.

The Aggies will play two games on the home court this week, Friday night with Oklahoma and Saturday night with Washington.

Silage odors are absorbed largely through the body of the cow rather than from the air, according to tests made by the United States department of agriculture. However, these odors may be practically or entirely removed by the aeration of the milk while it is still warm. Rather heavy feeds of silage may be given to cows one hour after milking without any undesirable flavors or odors passing into the milk. When green alfalfa was fed in relatively large quantities one hour before milking, marked flavors and odors were noticed in the milk, but when as much as 30 pounds per cow was fed after milking there was no effect on the milk from the next milking.

## FARM LEADERS COMING

PROGRAM FOR ANNUAL GATHERING AT COLLEGE COMPLETE

Governor, Former Governors, Home and Agricultural Economists, President of Farm Bureau Federation Speakers at Big Week

One of America's foremost agricultural economists, the "dean of agricultural engineers," a widely known home economics specialist, the governor of Kansas, two former state governors, and the president of the American Farm Bureau federation are scheduled to appear on the assembly programs of Farm and Home week, at the agricultural college the week of February 5.

The program for the week is now complete. The first event will be the annual meeting of the Kansas State Farm bureau, which will begin Monday, February 5, and the closing event will be a musical program by the department of music, on Friday evening, February 9.

#### BRADFUTE, FEBRUARY 5

The first general assembly of the week will be held Monday evening, when O. E. Bradfute, president of the American Farm Bureau federation, will speak. The following morning Dr. H. B. Hibbard, head of the agricultural economics department, University of Wisconsin, will address the general assembly. The Tuesday evening assembly will be given over to the division of home economics. Miss Jessie M. Hoover, milk utilization specialist of the United States Department of Agriculture, will deliver the address.

The Wednesday morning assembly speaker is W. J. Bailey, former governor of Kansas, at present governor of the Kansas City federal reserve bank. E. C. Montgomery, chief, foodstuffs division, United States department of commerce, will speak at the evening assembly. On Thursday, which is Engineers' day, J. B. Davidson, head of the agricultural engineering department, Iowa State College, will speak.

#### BANQUET ON THURSDAY

The annual Farm and Home week banquet will be held Thursday evening in the cafeteria. Arrangements have been made to accommodate 500 guests. This will be followed by a minstrel show at the auditorium, staged by the Y. M. C. A.

The Newspaper day speaker, who will talk in general assembly Friday morning, is Samuel R. McKelvie, the retiring governor of Nebraska and publisher of the Nebraska Farmer. He will also help to judge the newspaper contests.

#### SPECIAL R. R. RATES

Department programs have been arranged for in agricultural economics, beekeeping, cream station operation, dairy husbandry, engineering, entomology and zoology, home economics, horticulture, poultry husbandry, and veterinary medicine.

Governor Jonathan M. Davis is scheduled to speak at the Kansas State Farm bureau meeting.

An open rate of one and one-half fare for the round trip to Manhattan is offered to Farm and Home Week visitors from all Kansas points and from Kansas City and St. Joseph, Mo.

## ARAMINTA HOLMAN GETS DEGREE FROM COLUMBIA

Head of Department of Applied Art Does Work in Summer

Araminta Holman, professor and head of the department of applied art in the college, has been granted the degree of bachelor of science from Columbia university. The work for the degree was completed by Professor Holman last summer and the degree was conferred in the fall. She received at the same time a teacher's diploma in fine arts.



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W. M. JARDINE, PRESIDENT... Editor-in-Chief  
N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLEY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

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WEDNESDAY, JANUARY 17, 1923

### AT LEAST, HE IS HAPPY

In every rural community there is a farmer who is not content to grow the crops or raise the livestock or use the machinery common in his community. He must try the new, he must step forth upon untrodden paths. His farm is a miniature experiment station.

This farmer makes no money. He is laughed at by his neighbors, who have grown prosperous through following the well tried ways. His farm is a graveyard of useless machinery, his stock barns are a menagerie, his house is a library of strange books.

There is no doubt of the impracticality of this farmer. If you should ask him, he would for the moment admit it—though he would hasten on to explain that he was on the verge of a great discovery, which would revolutionize farming in his community and make him famous.

Sometimes the work of such a farmer does have practical usefulness to his community. In such cases, however, the cost is very high in proportion to the result gained. Experiment stations are maintained by national and state governments in order to reduce the overhead on experimentation. The farmer cannot profitably be his own experimenter.

Nevertheless, there is a good deal to admire about the farmer who at the sacrifice of profits does turn his farm into a miniature experiment station. It is not that his sacrifice in itself is to be admired. He is not making a sacrifice with intention of benefiting humanity—he sacrifices profits for his own pleasure, because he prefers seeking new paths to seeking profits. He has in him something of the spirit of the pioneer and something of the spirit of the seer. He sees visions—without perhaps inconsequential ones—and goes out to try to realize them. He has more courage than those of us who talk about new paths and never step upon them. And courage is an admirable thing, even in a useless cause. Moreover, he is mentally alert, he is active, best of all he is happy. Perhaps one of us would not be happy in his situation. But he is happy. He has found what makes him happy, whether it would make anybody else happy or not. Which after all is no mean, no unadmirable accomplishment.

### CORN TASSELS

J. H.

"Man marries after courtship of 40 years."—Headline. "Too feeble to hold out any longer," is the mean comment of the Abilene Reflector.

### NOW WHO'S NEXT

Dandelions have been reported to be in bloom here this winter, and

now a red bird has arrived.—El Dorado Times.

Historical Facts: 1640—Manhattan island traded by the Indians for a case of whiskey. 1922—Citizens wish to trade back.—Kiwanian Magazine, Topeka.

The Caldwell Messenger has noticed that whenever there is a piano to be moved there is always someone ready to carry the stool.

### GREATLY EXAGGERATED

Last week's Times referred in an item to the death of Mrs. E. Richard Carlson, southwest of Clay Center. That was an error. Mrs. Carlson is getting along nicely and expects soon to be well and around again.—Clay Center Times.

About the fastest thing the Lincoln Republican knows of is opening a window and then getting into bed before the cold air hits you.

The Mankato Monitor takes a practical view of the case. "Marry in haste," warns the Monitor, "and lose half of the wedding presents."

There is a man in Atchison, according to the Globe, who all his life has looked like a Christmas tree in a garbage can at the back gate.

### A QUARTER CENTURY AGO

Items from The Industrialist, January, 1898

The influence of the glorious K. S. A. C. begins to percolate down to the second generation. Some weeks ago the supreme court of the state admitted to the bar for legal practice the youngest lawyer ever heard of—Master Willie Gilbert, the son of W. D. Gilbert, '74. The young man, who is but 7 years old, has already won his first case in court.

The Utopia club's last meeting was with Harry Whitford. R. H. Pond read a paper on "Transmission of Acquired Characters" and Miss May Seerest gave a number of selections from humorous American authors, the members of the club guessing the authors from the selections read. Miss Lorena Clemons sang a solo, closing the program of the evening. The place for the next meeting was not announced.

The state board of pharmacy met in Manhattan December 7 to 9. An unusually large number were present for the examination. Aside from the general routine of business, the board had a very pleasant time while here. Tuesday they were entertained by Mrs. W. C. Johnston, Wednesday evening they attended the opera, and on Thursday morning they were driven through the college grounds and to other places of interest in the city.

All railways in Kansas have granted an open rate of one and one-third fare for all who attend the annual meeting of the state board of agriculture, the State Swine Breeders' association, and the Improved Stock Breeders' association, in Topeka, during the second week in January. Tickets will be on sale January 9-12, inclusive, and good for return until and including Monday, January 17. All desiring to visit Topeka should ask for the reduced rate tickets.

A. J. Lovette, a former student of the agricultural college, and Miss Bertha Bigham were married at Cheighton, Mo., on December 26, last. Mr. and Mrs. Lovette will make their home for the present in Manhattan, where Mr. Lovette is working in the Blue Valley foundry on his invention for equalizing the feed of threshing machines. Mr. Lovette secured his patent some time since. The device has been attached to threshers and is in operation in various parts of the state with entire success.

At the home of the bride's parents on College Hill, January 1, 1898, Albert Dickens, '93, and Bertha S. Kimball, M. Sc. '90. Mr. and Mrs. Dickens will be at home, after January 20, at Ellinwood, Bayton county, Kan., where Mr. Dickens is

principal of schools. Both parties are well known in Manhattan and at the college, Mrs. Dickens having been an efficient assistant in the departments of botany, entomology, and drawing. THE INDUSTRIALIST wishes them a smooth and rosy path through life.

The New Time will begin the new year with a circulation exceeding 50,000. In less than a year it has won its way into popular favor and its editors have demonstrated that a reform magazine can be made a success. No one who pretends to keep abreast of the thought of the day can be without this magazine, and it is doing an educational work of a value beyond computation. We offer an attractive clubbing rate with the New Time. Send us \$1.75 and we

their families. In the afternoon we visited the fine stock farm and handsome residence of Mr. Symns, who is the father of the Symns boys and Miss Isabel Symns, all of whom were students at this college last year and one of whom is now a member of our senior class. In the evening we accepted an invitation to drive to the beautiful upland farm of Mr. Zimmerman, the father of Frederic, Miss Jeannetta, Miss Kate, and Miss Maud Zimmerman. One of these is an alumnus of the college and two others are members of our present senior class. We had a very pleasant time at their cosy home and gladly promised to call again, if business or recreation should again take us to Doniphan county.

## The Old-Time Country Editor

The New York Times

You came into his office from the shadeless glare of upper Main street and found it, without exception, dark and still and full of a pleasant blue gloom. He rose when you came in—he was always courtly—rose with a creaking of drowsy joints, slapped off one-tenth of the dust of ages from a rickety guest chair for you to sit on, produced two raveled cigars (campaign of '96) from a battered desk drawer, and told you, with a superb economy of phrase, to fire ahead and get it off your chest. And you called him Bill.

It was not the sweetest smelling office in the world. Sometimes he imported sandwiches from Jimmy Mooney's bar across the street—grand juicy affairs of Bermuda onion and cheese or high colored bologna with smearings of mustard, or—oftenest of all—strong, brown hamburgers imbedded in mountainous buns. And sometimes, in the heat and haste of pulling a red-hot editorial off the grunting little press, he forgot completely the half-eaten bologna or onion or hamburger on his desk and left it there, covered by a dusty avalanche of proofs, to be discovered months later, when a blast from a door or window swept the desk clean.

And continuously, oh, continuously he smoked. Cigars of a brazen and shameless pedigree, pipes bubbling evilly in the stem and smelling profoundly of a long, hard life—these he smoked—and he was even guilty of "Jockey Prince," "Cuban Queen," "Argentine." And particularly that rare old brand, biting, tender and sweet on a heroic tongue, blended surely by stern masculine angels above, such as have no time to waste on harps and seesaw Methodist tunes—"Silver Boy Plug."

A medley of all these odors, rare, racy, and indescribable—and remember now to add the smell of ink.

will place you on the subscription list of THE INDUSTRIALIST and the New Time for one year.

Thanks are due the brethren of the press for friendly notices concerning the agricultural college and THE INDUSTRIALIST. Among those who have lately put us under obligations we may name especially: The Topeka Daily Capital, the Alton Empire, the LaCrosse Chieftain, the Abilene Monitor, the LeRoy Reporter, the Newton Optimist, the Russell Reformer, the Daily State Journal, the Kansas Farmer, the Manhattan Mercury, the Manhattan Republic, the Rice County Eagle, the Lincoln Beacon, the McPherson Democrat, and the Arkansas Valley Democrat.

An assortment of editorial pencils put in a timely appearance at THE INDUSTRIALIST office on Christmas day, each familiar brand, "Dixon's American Graphite," bearing testimony to the earnest good will of the manufacturers and donors for the New Year. Anyone at a loss to comprehend the feeling of satisfaction the possession of these brought, may send 16 cents to the Jos. Dixon Crucible company, Jersey City, N. J., for samples, and then be his own judge. The phrase, "We seized our Faber," is now obsolete. Dixon's Graphite is a home production and serves the purpose well.

While attending the farmers' institute at Bendena, last week, the local editor was right royally entertained by two model Kansas farmers and

### MIST OVER THE DOLOMITES

Leonora Speyer in The Measure

I thought, these shall endure  
Though the sky tumble!  
But now . . . with one pale hand  
They are removed from off the summer land  
Without a sigh or rumble.

This thing I know;  
The mist is stronger than these granite hills,  
And when it wills  
They go.

And I know too  
Its silence is the greater;  
It can subdue  
Their mighty hush to less  
Than nothingness.

And yet it grants to me  
Enough of path to tread;  
And one dim tree  
To keep me comforted.

Agricultural ill fortune is a national ill fortune. One-fourth of our population which produces the food of the republic and adds so largely to our export commerce must participate in the good fortune of the nation, else there is none worth retaining.—Warren G. Harding.

An average of from 4.8 to 9.6 pounds of grain feed is required to produce one dozen eggs, according to the United States department of agriculture figures. The figures are on the basis of twelve-months production.

In building poultry houses, from two to five square feet of floor space should be allowed for each bird.

### SUNFLOWERS

H. W. D.

Now that the General Electric company has successfully sent power by radio we may confidently look forward to the time when every home will be completely electrified and there will be nothing for mother to do except punch a button and light another cigarette.

At last the Kaw Indians, most poverty-stricken of the lot, have lined up with the plutocrats. A big gusher has been brought in on their reservation. Packard and Rolls-Royce interests will of course govern themselves accordingly.

### ATTENTION LIARS!

That time of year has rolled around  
To sharpen up your eye,  
And beat your fellow loafers to  
The early robin lie.

We hear with mickle joy that they are planning to introduce a bill in the Kansas legislature regulating undertakers' assessments and cutting the cost of dying. It's a grand and glorious move. If dying can be brought within reasonable limits, we predict a great vogue for it. There are any number of people who ought to die, but can't afford it.

Relatives, we believe, would be among the first to go. It has always cost too much to bury a relative. That is the reason so many of them live on and on. If an average relative could be buried, say for fifty or sixty dollars, just think what a volume of business a good, fast undertaker could do.

Jess Willard is having a hard time getting a fight, but his press agent is certainly having no trouble in touching the sport editors for a column or two each day. We fondly hope and fervently pray that some mediocre boxer will take Jess on and put him and us intellectuals who can't keep away from the sport page out of our miseries.

Some people read books for enlightenment, some for amusement, some for thrills. Then there is that great group who read to be shocked into a recurring consciousness of their own purity and proper mind-fulness.

### BRIDGE PLAYERS YOU KNOW

Those who say: "I've just had the best time I ever had in my life. You know I seldom enjoy cards, but this party has been different. I really didn't know that is was after 1 o'clock."

Those who say: "Ain't that just too clever for words? I never would have thought of doing it that way."

Those who say: "Mr. Morgan, you know, dearly loves society. He would go even more than I do if he could. But he is so busy. Now he just loves to play bridge in a mixed crowd like this, but he never has time for cards except an occasional game of poker with some of his cronies. He just loves society, as I said, and I feel so sorry for him."

Those who say: "Of course, it's not that I object to that sort of thing (playing for money, not prizes) but you know one must consider one's position, one's standing in the community, one's duty to those who are younger and more impressionable."

Those who say: "I naturally thought when you raised my bid that you surely had at least an honor, three small ones and some good suit. Of course when I bid I was taking a big risk anyhow and you shouldn't have . . ."

I may be my brother's keeper, but thank Fate, nature has kindly absolved me from the unpleasant task of becoming his grandmother or old maid auntie.

### THE MORONIAD

BOOTH NO. 5 AMANDA MEARS  
Take a squint at Mandy Mears  
With agate pendants on her ears.

Conditions in Russia seem to be almost as bad as they are in Kansas City.

Sweet potatoes should never be stored in sacks or in piles, but in wooden crates or baskets.



## AMONG THE ALUMNI

Wilma (Van Horn) Mattson, '16, checks in from 744 Highland avenue, Glen Ellyn, Ill.

F. E. Becker, '11, has recently gone to Cedar Rapids, Iowa, as an automobile salesman.

Clytie Ross, '16, is teaching domestic science and art in the rural high school at Chase.

Miss Florence Justin, '16, is studying for her master's degree in home economics at the University of Chicago this year.

Georgiana (Welstead) Dunham, '10, sends active membership dues and good wishes for the new year from her home at Jewell.

Miss Estella Boot, formerly assistant professor of English here, is now in the University of Chicago, studying for a master's degree in English.

Mina (Scott) Brandenburg, '11, Marysville, has abandoned school teaching and is devoting all her time to keeping house. She visited in Manhattan for a few days in January.

Madeline (Wade) Milner, '91, 4332 North Hermitage, Chicago, lists her occupation as housewife. Her trips, journeys and visits are included under "Spend my winters in Mt. Dora, Fla."

Ursula Senn, '21, and Esther Nelson, '16, who are at the Buffalo, N. Y., city hospital, Miss Senn as chief dietitian and Miss Nelson as an interne, wonder if there are other Aggies in Buffalo.

Mrs. Bess (Carp) Thackery, '14, and small son are expected in Manhattan this week for a brief visit. Mr. Thackery has recently been transferred to Denver where they will make their home.

Anna (Fairchild) White, 91, Up-land, Cal., reports an eventful year on her alumni record. Two sons, Arthur F., and Hallet G., were married and a third son, Arthur Fairchild, Jr., was born.

May Secrest, '92, writes from 2527 LeConte avenue, Berkeley, Cal., that she doesn't want the new year to find too many sins of omission recorded against her. She therefore sends in active membership fees.

Helen Pitcairn, '16, checks in from Orange, Cal., with active membership dues. She has been in California little more than a month, but wants to cooperate in the organization of an alumni association in Orange county.

J. Wheeler Barger, '22, Bozeman, Mont., has signed up for his first hitch in the alumni association. He comments that "We hope soon to be able to inform you that Kansas Aggies here have met and perhaps formed an association."

Dr. W. P. Shuler, '10, has joined the growing colony of Aggies at Iowa State college, Ames, Iowa. He is doing graduate work in poultry husbandry and poultry diseases. Doctor Shuler until recently was a member of the extension division staff of K. S. A. C.

M. A. Carlton, '87, is the author of a paper in the December 8 number of Science. The paper gives an account of an experiment of the author's on the fusarium wilt disease of bananas. Carlton is employed by the United Fruit company which furnishes the United States with bananas.

### Wanted: E. E. Grads

In a search for openings for the graduates of the electrical engineering course, Prof. C. E. Reid, in February, 1922, wrote the Consumers Power company, Jackson, Mich., regarding its apprentice course and in June placed one of the graduates of the 1922 class with this company. The company recently wrote Prof.

essor Reid that it is planning to spend approximately \$10,000,000 in Michigan on new construction work this year and wishes six or eight men for electrical and mechanical layout work in January, and in March or April some more engineers who will be in active charge of some of the jobs. These positions will pay \$125, \$150, \$175, and \$200 a month, depending on the experience of the men and the positions they can hold. At graduation time the same company hopes to get two or three more men from the school as junior engineers and apprentices.

Graduates in engineering who may be interested in the opportunities are requested to write Professor Reid of the electrical engineering department.

### Butler County Organizes

Three dozen alumni and former students of K. S. A. C. in Butler county attended a banquet in the Hotel El Dorado January 12 and organized a county K. S. A. C. association. D. E. Hull, '17, toastmaster, introduced prominent alumni representing the various divisions of the college, who made short talks. Mike Ahearn, '13, and Oley Weaver, '11, were present from the college. The following officers were elected.

Mary (Johnson) Hull, '15, El Dorado, president; W. E. Dickerson, '21, Augusta, vice president; Charles F. Smith, '02, El Dorado, secretary-treasurer; Clarence King, f. s., El Dorado, stadium committee chairman.

Mr. King in accepting the stadium committee chairmanship, appointed A. H. Gish, '19, and D. E. Hull, '17, members of the committee.

### Boost Stadium in Barton

The Barton county student club gave a memorial stadium banquet at Great Bend December 28. Forty-two alumni, former students and students were present. The following program was given:

Step in Line.....Arthur Seeber  
The Football Team.....R. E. Williams  
Activities of K.S.A.C. Elfreida Hemker  
Dairy, Poultry, and Stock Judging,  
Teams.....William Esmiller  
Industry and Loyalty of the Students.....Florence McKinney  
Utility and Beauty of the Memorial Stadium.....Opal Seeber  
Make It Unanimous.....E. A. Wright  
The members of the Barton county K. S. A. C. association, H. L. Poppenoe, '09, president, met following the banquet to discuss plans for the stadium campaign in the county.

### McPherson County Meeting

McPherson county Aggies met at the Union hotel in McPherson December 28. Short talks were given by alumni and students. Music was furnished by the McPherson high school saxophone quintette. The association voted to have a meeting annually during the holiday season. Plans were also made for a picnic next summer. L. W. Lawson, '07, presided.

### Creager, '95, in California

S. H. Creager, '95, checks in from 838 Grand avenue, Los Angeles, Cal. He also sends a Santa Monica edition of the Los Angeles Times, commenting that "This is one of several big things which occupy my attention at this time." A poem, "Evening on Santa Monica Bay," by Mrs. Creager occupies the position of honor on the cover page of the special edition.

### Mary Baird, '17, Issues Bulletin

Mary M. Baird, '17, Stillwater, Okla., incloses with her remittance for active membership a copy of a pamphlet "Infant Training and Feeding" issued by the school of home economics, Oklahoma Agricultural and Mechanical college. Miss Baird assisted in the preparation of the bulletin. She is supervisor of the home builders' cottage at Stillwater and has charge of the work in infant training and feeding through which three babies, David I, David II, and David III have been brought to good health although all were suffering from malnutrition when they were taken into the cottage.

## LOOKING AROUND

OLEY WEAVER, '11

Readers of THE INDUSTRIALIST last week found in detail the president's recommendations to the state legislature. They saw how he had taken it upon himself to pare the budget to the bone in keeping with the governor's program for economy in state administration. If the governor and the legislature seek to maintain the institution, they will accept the budget without alteration. It is an honest presentation of the maintenance needs of K. S. A. C. If they desire to put the college on a less than maintenance ration, the budget will be cut.

There is a spirit of fairness manifest in the early acts of the legislature and the recommendations of the governor which leads one to believe the interests of K.S.A.C. are in the hands of friends. It is not their intention to deal with this or other educational institutions in an unfair manner. If, because of the old policy of asking for more than is expected, the legislature believes that policy underlies the budget sought by President Jardine, it will make a big mistake and stunt the growth of the college.

Readers of THE INDUSTRIALIST likewise have seen mention of numerous county associations. These have been organized here and there in Kansas for the good of the college, in the interests of the stadium campaign, and in the interests of the students and alumni themselves. The fact that the legislature is in session furnishes immediate need for the organization. The stadium organization need also is imperative.

The attitude of a county K. S. A. C. organization toward the legislature is one of friendly interest. The members will be willing and ready on short notice to give a referendum vote on proposed legislation touching the college. They will not seek to force from the legislature appropriations not justified by the president's request. But the need for the organization to offset, in the minds of the friendly legislators, any untoward propaganda from those who do not interest themselves in the work of educational institutions in Kansas is always present, and particularly so this year.

There is need also that our alumni leave with the legislature the enforcement of strict economy. The policy should not be adopted by the alumni to the extent that they remain outside the roll of active members of the K. S. A. C. alumni association, or prejudice the success of the effort Aggie graduates and former students are making in pledging funds to complete the Memorial stadium.

### Page the Football Coach

A calendar for 1923, bearing a photo of a husky youth in football togs, was sent to the alumni secretary by Florine (Fate) Wendt, '11, Inman. The youngster, the son of Mrs. Wendt, wears proudly his class numerals, 1944, and is enthused by the old college yell penned below his photo.

Which is evidence that Mrs. Wendt intends that her son shall make the record in college she could not make through having been born, unfortunately, a girl.

### Vida Harris in New Field

Vida Harris, '14, who recently purchased the Sheraton Shoppe, Manhattan, which specializes in exclusive objects of decoration, and in distinctive gifts, has shown what an Aggie graduate can do in a new field.

After graduation Miss Harris taught domestic science and was at one time instructor of home art at the University of Oklahoma and later

instructor in design at Stout institute. She has taken advanced work in design at both Colorado university and Chicago university.

Miss Harris designs place cards and favors, as well as gifts, and has given special attention to interior decoration. Besides the smaller gifts, the shop carries paintings and oriental rugs.

The work is interesting, Miss Harris says, and it offers a wide field for home economics graduates. For those interested in the gift shop, or in interior decoration alone, there is great demand for it in other towns as well as in Manhattan.

### Sanderson '98, Gets Another Term

M. W. Sanderson, '98, Cedarvale, is to serve a second term in the state legislature as representative from the forty-ninth district, he writes. He also sends news of the birth of a daughter at Independence December 8. While he was in Independence he visited with E. C. Reed, '09, 1011 West Laurel street.

### Labette County Organized

Labette county Aggies met in Parsons December 29 and formed a K. S. A. C. association. The officers elected are C. F. Goldsmith, '14, president; Lynn E. Burris, student, vice president; Mary L. Scott, '16, secretary-treasurer. The members of the club are Alice (Peckham) Cordry, '82; Lynn E. Burris, Pearl Holderman, R. L. Von Treba, Delbert Emery, Raymond W. Martin, L. D. McDonald, and W. H. Von Treba; students; W. J. Wirt, '86; Raymond Campbell, '20; Vesta Smith, '13; Eunice (Baird) Miller, '17; Mary M. Baird, '17; Nelle (Wilkie) Goldsmith, '18.

### Franklin Aggies Meet

Alumni and students of Franklin county met at the Ottawa high school auditorium December 28. Fourteen were present. Brief talks were made by two students and two alumni. Joe Robbins, '13, continues as president of the county association.

### Building Airship for Uncle Sam

The December issue of the Aerial Age contains a cut showing Umberto Nobile, chief aeronautical engineer for the Italian government and C. H. Zimmerman, aeronautical engineer for the Goodyear Tire and Rubber company. The photograph was taken upon the arrival of Mr. Nobile at Akron, where he with Mr. Zimmerman will supervise the construction of the giant 300 feet semi-rigid airship to be built for the United States war department.

Mr. Zimmerman graduated from the mechanical engineering course at K. S. A. C. in 1912. He has been connected with the Goodyear Tire and Rubber company in the capacity of aeronautical engineer since 1917 and is now considered an authority on semi-rigid airship construction.

### We Look Eagerly Forward

"I am enclosing a check for \$10 for active dues and I hope the association gets as much fun out of spending it as I do in sending it," writes N. Maude Vedder, '16, from Havelock, Neb.

"I plan," she continues, "to be a little more regular about getting my bit to your office hereafter, so look for more a little later on."

### Waters Speaks in Doniphan

Doniphan county alumni and students met at Highland December 29. Dr. H. J. Waters, former president of the college, was the principal speaker. Lowell Kelley, '20, was elected chairman of the county K. S. A. C. association.

### Orr, '10, To El Paso

The Rev. W. M. Orr, '10, and Eula (McDonald) Orr, '12, were Manhattan visitors in late December. Mr. Orr has been a missionary in charge of Presbyterian stations in Porto Rico and Santo Domingo until recently. He has been assigned to El Paso, Tex., where he will work among Spanish speaking people.

## MARRIAGES

### WESTBROOK-WHITSELL

Mr. and Mrs. R. E. Westbrook, Manhattan, announce the marriage December 25 of their daughter, Garnett Westbrook, f. s., to Dr. F. P. Whitsell, Emmett, Ida.

### WERNING-WALKER

Garnett Werning, Manhattan, announces the marriage December 26 of his daughter, Viola Werning, to Eugene Walker, '22, Paola.

### BROWN-BATE

Mr. and Mrs. C. J. Brown, Manhattan, announce the marriage December 24 of their daughter, Elsa Ann Brown, '21, to L. Boyce Bate, '21, Wichita.

### JARVIS-JENKINS

Mr. and Mrs. W. F. Jarvis, Kansas City, Kan., announce the marriage December 24 of their daughter, Bernice Clare Jarvis, to H. F. Jenkins, '21, Newark, N. J.

### GOFF-CARLSON

Mr. and Mrs. Henry Goff, Randolph, announce the marriage, December 26, of their daughter Hilda Goff, f. s., to Waldon Carson, f. s., Randolph.

### ELLIS-GATZ

Mr. and Mrs. Ellis, of Pratt, announce the marriage December 28 of their daughter Dorothy Ellis, f. s., to Isaac Gatz, '20, Inman.

### WILSON-NIQUETTE

The marriage December 30 of Naomi Ruth Wilson, f. s., Sedgwick, to Glen Niquette, f. s., Salina, has been announced.

### RAY-HARRIS

Mr. and Mrs. W. D. Ray, Chicago, announce the marriage November 25 of their daughter Virginia to Thomas J. Harris, '14.

### VARNER-STALLARD

Mr. and Mrs. Varner, Burlingame, announce the marriage December 14 of their daughter, Winifred Varner, f. s., to David W. Stallard, Wichita.

### BRIGHAM-RUGGLES

The marriage of Rosalie Brigham, Council Grove, to W. S. Ruggles, f. s., Winfield, December 25, has been announced.

### HAYS-WILLIAMS

Miss Irene Hays, '22, and Mr. Frederick Williams were married in Calcutta, India, New Years day. During her last semester in school, Miss Hays was president of the Eurodelphian literary society, and represented the society in the oratorical contest last year. Mr. Williams is a graduate of Kansas Wesleyan university, and is now principal of a boys' school at Asansol, India.

### Caldwell Into the Field

Fred W. Caldwell, '07, is looking up and meeting the Aggies in southwest Kansas counties with a view to helping them complete their county K. S. A. C. associations. He is receiving considerable encouragement in the ready response to his suggestions of the importance of organization.

The following dates for county meetings have been arranged:

Finney at Garden City, today; Ford at Dodge City, January 23; Edwards at Kinsley, January 24; and Pawnee at Larned, January 25.

### Apropos the Christmas Spirit

Belated acknowledgement of a delightful Christmas present to the office of the executive secretary from Rudolph B. Nelson, '09, Kingsburg, Cal., is hereby made. The present was a large package of delicious raisins. Acknowledgment was postponed until such time as the future behavior of the gift might be judged.

Our Christmas spirit, day by day in every way, is getting better and better.



## CONTESTS OFFER PRIZES

### FOUR STATEWIDE COMPETITIONS TO BE FARM-HOME WEEK

Attendance, Newspaper, Stock Judging, and Horseshoe Pitching Are Fields in Which Forces Will Be Pitted One Against Another

Four statewide contests will be conducted by the agricultural college during Farm and Home week—an attendance contest, a newspaper contest, a stock judging contest, and a horseshoe pitching contest.

The silver loving cup for the best county representation, which has been given for the last two years, will be awarded again this year. It will go to the county farm bureau whose registration at Farm and Home week, multiplied by the distance from the county seat to Manhattan, makes the largest total. The cup was won by Leavenworth county in 1922. It will become the permanent property of the county winning it three years in succession.

#### NEWSPAPER DAY FEB. 9

The newspaper contest is open to Kansas daily and weekly newspapers with circulations of less than 5,000. Ribbons will be awarded for the best handling of community and of agricultural news. The awards will be made on Newspaper day, Friday, February 9.

The stock judging contest is for the amateur championship of Kansas. It is open to any resident of the state who has had no agricultural college training in stock judging. Beef cattle, hogs, sheep, and horses will be judged and ribbons awarded to the best judge in each class. A sweepstakes cup will be given to the best all round livestock judge.

#### SILVER SHOES THE PRIZE

The horseshoe pitching contest is intended to decide which of the many local champions in Kansas towns is the best in the state. Teams of two men will be chosen from each county by the farm bureau. Most of these are being chosen by elimination contests. A pair of silver horseshoes will be awarded to the winning team.

### LANGWORTHY, FEED CONTROL OFFICER, LOCATES BAD WHEAT

Requests Government to Stop Its Sale in Kansas

A. E. Langworthy of the feed control office recently was instrumental in getting the federal government to seize a shipment of adulterated poultry feed and stop its sale to Kansas poultry raisers.

Mr. Langworthy, who is an inspector with the feed control office, located the feed, which had been shipped from a neighboring state into Kansas. The feed was labeled as containing wheat among other ingredients but was found, upon examination, to contain about 10 per cent of moldy, decomposed wheat unfit for poultry feed. Complaint was filed with the United States district attorney and the entire lot of feed was seized by the United States marshal and is now being held by him.

Further examination by Dr. L. D. Bushnell of the bacteriology department of the college shows that the wheat contained 460,000 bacteria per gram, while the average bacterial content of six samples of ordinary good wheat is only 6,310 bacteria per gram. The moldy wheat contained 4,000 molds per gram while the average mold content of the six samples was only 27 molds per gram.

In addition to the bacteriological examination, a chemical examination has been made by R. N. Loomis of the chemistry department. The chemical examination showed that the moldy wheat contained 0.23 per cent amino nitrogen, 0.96 per cent of acid, and 0.175 per cent of free reducing sugar. An average of the analyses of several samples of ordinary good wheat shows only 0.021 per cent amino nitrogen, 0.162 per cent acid, and no reducing sugar at all. Evidently some of the protein and starch of the damaged wheat had changed chemically into substances,

probably fermentation products, of no value as feed.

A sample of this shipment of poultry feed was shown to Dr. W. A. Lipincott and Prof. L. F. Payne of the college poultry department, who declared it would be very unwise to feed this material to poultry. It might not be absolutely poisonous to chickens, they said, but they would not feed it to their own stock, as feed in as bad condition as this frequently does prove poisonous, particularly to young stock.

### FIVE K. S. A. C. FACULTY AT SCIENTIFIC MEETINGS

Number of Papers Presented by Kansas Investigators

Attending the annual Association for the Advancement of Science held in Boston during the Christmas holidays, were five members of the Kansas State Agricultural college faculty—Dr. M. E. Jewell, Dr. Mary T. Harman, Dr. Robert K. Nabours, Dr. Heman L. Ibsen, and Prof. George A. Dean.

Papers given by representatives from the college were "A Northern Michigan Bog Lake" by Doctor Jewell, "Persistent New Color Patterns in Grouse Locusts by Mutation and Linkage or Homozygosity with Isolation" by Doctor Nabours, "Sex Ratios in Guinea Pigs", by Doctor Ibsen, "An Environmental Factor Causing Variation in Weight at Birth of Guinea Pigs", by Doctor Ibsen, "Another Step in the Control of the Hessian Fly", by Professor Dean.

The following named scientific papers were presented by members of the faculty indicated, none of whom was there in person:

"The Resistance of Wheat to the Hessian Fly—A Progress Report," by J. W. McColloch, and S. C. Salmon.

"What of the Prairie Dog?" by J. W. McColloch.

"The Value of Winter Protection for Bees," by J. H. Merrill.

"The Life Histories and Stages of Some Hemerobids and a Sympherobid (Neuroptera)", by Roger C. Smith.

"Observations on the Resistance of Certain Sorghums and Their Hybrids to Chinch Bug Injury," by William P. Hayes.

"Corn Root Rot Investigations in Kansas," by Prof. L. E. Melchers and Prof. C. O. Johnston.

"A Report of Progress on Wheat Smut Investigations," by Prof. C. O. Johnston.

"The Comparison of Swamp and Bog Plants: Iris versicolor" by Prof. F. C. Gates.

### MATHEMATICS INSTRUCTOR TO ADDRESS STATE ASSOCIATION

Miss Thurza Mossman on Program at Topeka Saturday

Miss Thurza Mossman, instructor in mathematics in the Kansas State Agricultural college is on the program to be given at the ninth annual meeting of the Kansas section of the Mathematical Association of America at Topeka next Saturday. The subject of her paper is "The Area of a Cone Having an Elliptical Base." A. E. White, professor of mathematics in the college, is chairman of the Kansas section of the association.

### IMPORTANT POST IN COLLEGE ASSOCIATION GOES TO SEATON

K. S. A. C. Dean Appointed on Leading Committee

R. A. Seaton, dean of engineering in the college, has been appointed for three years on the standing committee on instruction in agriculture, home economics, and mechanic arts of the Association of Land Grant colleges.

This is one of the most important committees of the association. It is engaged in a study of methods of improvement of the instruction in the three principal branches of education in land grant colleges. The topic which the committee will study for the ensuing year is "What Efforts Are Being Made to Adapt the Instruction in Land Grant Colleges to Students of Various Abilities."

Having the farm shop in a separate building will guard against the spread of fire from a spark from the forge.

## COEDS FORM RIFLE TEAM

AGGIE GIRLS NUMBERING 150 IN INITIAL TRYOUT

Women's Physical Education Department Has Big Program for Year —May Fete Is Big Event of School Term

Except for intercollegiate competition, coeds of K. S. A. C. have every bit as much opportunity to engage in athletic activities as do the men students of the institution. And recently what the anti-feminist men of the college see as the thin entering wedge of intercollegiate activities for women came in the form of the organization of a rifle team which is to engage in telegraphic matches with girls' team of other colleges.

Not only are the women students given an opportunity to become proficient in several branches of sport, but they are required to take physical education training at least two hours each week during their freshman and sophomore years. More than 600 girls are enrolled this semester in the first and second year physical education classes.

#### NO TIRESOME DRILLS

Louise Tausche, head of the women's physical education work, follows the principle that exercise taken as play is the most wholesome and beneficial. There is no tiring lot of gymnasium exercises or drills on the program of the women's athletic department. The girls are encouraged to take part in inter-class athletics and in individual competitive events.

In the fall all girls enrolled for physical education are divided into field hockey teams, each designated by some color. A tournament is played off for the "color" championship, then class teams are chosen and another tourney for the class championship is staged. The same plan is followed with basketball, baseball and swimming teams, and the class tournament idea is promoted in tennis.

#### INDIVIDUAL SWIMMING TESTS

Individual tests are given in swimming, and red and blue caps are awarded to those scoring above a fixed number of points. A Red Cross Life Saving corps, the first to be established in a college of the southwestern division of the Red Cross, is also maintained here.

The track and gymnasium meet which is held during the second semester is always one of the high lights of the women's athletic season. The freshmen and sophomores compete in this event. The program includes marching and floor tactics, relay races, rope climbing, and apparatus work.

#### MAY FETE IS BIG EVENT

The efforts of the department are centered for the last six weeks of each school year upon the production of the May Fete, staged annually for the benefit of the Y. W. C. A. Pageantry and dancing are combined in the May Fete which is produced on a plan outlined by a student who receives a prize for the writing of the best manuscript.

Although so many diverse lines of athletic activity are open to the women students of K. S. A. C., they are always keenly interested when a new sport is established for them. This was demonstrated when more than 150 girls elected to try out for the girls' rifle team which was selected recently.

### SECOND ANNUAL HERDSMEN'S SHORT COURSE ENROLS 17

Animal Husbandry Work Given During the Holidays

The second annual herdsman's short course offered by the animal husbandry department of K. S. A. C. during the Christmas holidays beginning December 27 and closing January 6 was attended by 17 men.

The course consisted of instruction in selecting, breeding, and feeding beef cattle, and in fitting show cattle. The history of the leading beef

breeds was taken up. In addition to the regular class and laboratory work, an address was given each evening by some prominent breeder or veterinarian. Among the speakers were W. A. Cochel of the Shorthorn Breeders' association, Dan D. Casement of Juniata ranch, and Dean F. D. Farrell, Dean R. R. Dykstra, and Dr. E. J. Frick of the college.

At the close of the course a contest was held in dressing show cattle, placing being done on the improvement shown in the appearance of the animal. In this contest Wayne Gattshall of Goodland placed first on a Shorthorn, William J. Olson of Alta Vista second on a Hereford, W. S. Bieght of Junction City third on a Hereford, and Oscar Latzke of Junction City fourth on an Angus.

## CONSERVATION OF PASTURES URGED

Stock Carrying Capacity Reduced Due to Neglect, Dean Farrell Declares to Board of Agriculture

"Until comparatively recent years the pasture resources of Kansas have been so abundant as to appear inexhaustible and their conservation has been very widely neglected, so that the stock carrying capacity of the pastures has been seriously reduced," stated Dean F. D. Farrell in a paper which he read last Wednesday before the Kansas state board of agriculture at Topeka. "The relation between the livestock industries and agricultural development in Kansas is so close and the dependence of the livestock industries upon the pasture resources is so direct and important that the maintenance of the agricultural preeminence of Kansas requires pasture conservation."

While much remains to be learned regarding practicable methods of conserving the pasture resources of the state, the experimental work of the Kansas Agricultural Experiment station and of the United States department of agriculture has produced some useful information on this subject. It is definitely known that by proper management the pastures can be fully utilized without suffering deterioration; that they are, in other words, susceptible of conservation.

"Proper methods of management include rotation of grazing which will give the grasses an opportunity to reproduce themselves; the avoidance of over grazing; the use of supplementary pasture crops like Sudan grass in periods of drought; and the proper distribution of supplies of water and salt. It is not impossible that we some day shall discover, perhaps in Africa or Asia, one or more pasture plants which, when introduced, will be useful on our native pasture lands as wheat, oats, the sorghums, blue grass, and other imported plants are on our cultivated lands."

"A sane course to pursue with reference to the conservation of our pasture resources may be indicated briefly in two sentences:

1. We need to develop increased individual and public interest in our pasture resources so that, individually and collectively, we may make the fullest possible use of such knowledge as we have regarding practicable methods of pasture conservation.
2. We need to support constructive efforts to find new knowledge on which to base improvements in conservation methods.

### HUGHES HEADS BIOCHEMICAL DIVISION OF CHEMICAL SOCIETY

Correction Is Made of List in Industrialist

Dr. J. S. Hughes is chairman of the biochemical division of the American Chemical society. Through error this position in a recent list in THE INDUSTRIALIST was assigned to Dr. H. H. King.

Prof. W. L. Latshaw also holds an important national office. He is referee on inorganic plant constituents for the Association of Official Agricultural Chemists.

A farm inventory taken at the beginning of the year is an index of the progress—or decline—of the farm for the year.

## NEW AG BUILDING TO BE COMPLETED JUNE 1

West Wing of Waters Hall to be the Home of Dairy, Poultry, and Ag Economics Departments

The west wing of Waters hall will be completed June 1, 1923 according to the contractors. It will be a three story structure of native limestone, trimmed with Bedford, Indiana, stone and will cost about \$250,000. With the possible exception of Cornell university it will have the best building for dairy manufacturing in the country. For the past few years the equipment of the dairy department has been inadequate to give proper instruction or to carry on investigations. Already the new building has stimulated the enrolment in dairy manufacturing.

The dairy department will have the basement and first floor of the building. The grade floor of the main building will have market milk, ice cream, cheese, and condensed milk rooms. There will be five cooling rooms, including one to be kept at a temperature of zero to be used for hardening ice cream. There will also be dairy, research, and testing laboratories on this floor.

An annex directly connected on the north end of the main building will house the butter manufacturing department. Equipment similar to that used in the largest creameries will be provided for making butter. A sub-basement below the churning room will house compressors for furnishing approximately 26 tons of refrigeration. Two tons of ice will be frozen daily to supply the needs of the college.

On the first floor will be the offices of the dairy department, four class rooms, reading room, herdbook room, one large laboratory for elements of dairy testing work and two special laboratories.

The poultry department will occupy the second floor of the building. It will include six offices, experimental, judging, research, killing and dressing, and incubator laboratories. On this floor there will also be one large and one small lecture room and a reading room. This year all of the laboratory work in the poultry department has been taught at the poultry farm.

The agricultural economics department will occupy the third floor. This floor will include seven offices, a vault for records, three class rooms, laboratory, large lecture room, seminar room, and department library. At the present time the equipment of these departments is inadequate for carrying on the work as it should be. Of the 14 classes, eight have over maximum enrolment. One class in farm organization recitation, whose maximum enrolment is 30, has an actual enrolment of 70. This class is taught by Prof. W. E. Grimes, head of the department of agricultural economics.

### MISS ELCOCK TO ADDRESS STATE TEACHERS AT TOPEKA

K. S. A. C. Faculty Member to Talk on "In the Colleges"

Miss Helen Elcock, assistant professor of English in the Kansas State Agricultural college, is on the program of the sixth annual session of the council of administration, Kansas State Teachers' association, at Topeka Friday. Her address will be in the classroom teachers' section of which Miss Emma Hyde, assistant professor of mathematics in the college, is chairman. Miss Elcock's address is entitled "In the Colleges."

To estimate the number of bushels of grain in a bin, multiply the number of feet of the inside length by the number of feet of the width of the bin, then multiply the product by the number of feet of the average depth of the grain. This gives the cubic feet, which, multiplied by four-fifths, gives the approximate number of bushels.



# THE KANSAS INDUSTRIALIST

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Number 17

## "MIKE" ON RULES BODY

**AGGIE ATHLETIC DIRECTOR TO BE ONE OF FOOTBALL LEGISLATORS**

**Ahearn Is Thirteenth Member of Committee—Stagg and Williams, of Big Ten, Only Others from Middle West—With Aggies 20 Years**

M. F. Ahearn, director of athletics in K. S. A. C., has received notification of his appointment to the football rules committee of the National Collegiate Athletic Association of America, the body which enacts legislation governing the game as played in America.

Mr. Ahearn is the thirteenth member of the committee, eight of whom are from eastern institutions. He is the only member of the rules com-



M. F. AHEARN

mittee from the Missouri valley. Stagg of Chicago and Williams of Minnesota are the only other members of the rules committee representing the middle west.

"MIKE" HERE IN '05

Other members of the football rules committee are E. K. Hall, Dartmouth; Walter Camp, Yale; J. A. Babbitt, Haverford; F. W. Moore, Harvard; W. W. Roper, Princeton; Paul J. Dashiell, U. S. Naval academy; Carl Williams, University of Pennsylvania; C. W. Savage, Oberlin; Andrew L. Smith, California; and D. K. Bible, Texas A. & M. college.

"Mike" Ahearn has seen service as coach, friend, and director of Aggie athletics nearly 20 years, a longer span of service than any other director or coach in the conference, Bennie Owen of Oklahoma university only excepted.

**SUCCESS FROM START**

Graduated from the Massachusetts Agricultural college in '04, Ahearn came to K. S. A. C. as a member of the college faculty of horticulture in '05, taking up coaching as a sideline. He was a most conspicuous success as coach of the Aggies, building up athletics in the college to such proportions that a full-time coach had to be employed in 1912.

The post was declined by Ahearn in favor of the position of professor of landscape gardening in the college. He was not professionally connected with athletics from 1912 to 1920, although a great demand was made upon him by colleges in this section desiring a competent and fair official. During the entire period he was, however, a member of the Aggie Athletic board.

**DIRECTOR IN 1920**

When Z. G. Clevenger resigned in 1920 Ahearn was offered the position of director of athletics, a position made possible by the still greater expansion of athletics in the college. While he had not felt justified in ac-

cepting the position of coach eight years previously, the position of director of athletics, with its responsibilities and opportunities, was another thing.

His accession to the position marked a new era in football at the college. Charles Bachman was named head coach the same year. In the last two years the Aggies have been close contenders for football championship honors in the conference.

## GOVERNOR DAVIS WILL ADDRESS FARM BUREAU

**Kansas Chief Executive to Appear on Program First Day of Farm and Home Week**

Governor Jonathan M. Davis will address the Kansas State Farm bureau delegates at their annual meeting at the Manhattan community house Monday, February 5, the first day of Farm and Home week. Governor Davis is a loyal member and supporter of the Bourbon county farm bureau.

The farm bureau meeting will last two days. The one day meeting formerly held was too short to transact all necessary business.

The first day's business will consist of the address of Governor Davis, the appointment of committees and seating of delegates. On Monday night, O. E. Bradfute, president of the American Farm Bureau federation, will speak at the first general assembly of Farm and Home week in the agricultural college auditorium.

The second day of the farm bureau meeting will consist of a general business session and election of officers.

## AUTHORS' CLUB TO MEET IN TOPEKA NEXT MONDAY

**Large Number of Members Are From K. S. A. C.**

The annual meeting of the Kansas Authors' club will be held at Topeka January 30 and 31. On the afternoon of January 30 the program will consist of a round table discussion on the subject, "The Author." Financial remuneration, the author's reading, and his contact with other authors, are angles from which the subject will be considered. In the evening the annual banquet will be held. The program will deal with various literary aspects of Kansas. Wednesday, January 31, the annual business meeting and election of officers will take place.

Prof. N. A. Crawford is president of the club. There are many members of the club in the college.

## COLLEGE ANIMAL HUSBANDMEN ACT AS JUDGES AT WICHITA

**Bell Is in Charge of High School Contest**

Members of the animal husbandry department are doing almost all of the judging at the Kansas National Livestock show at Wichita this week. Dr. C. W. McCampbell is making the awards in the horse classes, Prof. A. M. Paterson is tying the ribbons on the sheep, and assistant Prof. F. W. Bell is handling and judging the Inter-scholastic Judging contest in which high school and club teams from all over the states of Kansas and Oklahoma are entered. Last year there were 35 teams in this contest.

Last week at the National Western Livestock show at Denver, Professor Bell judged the Hampshire barrow show, the carlots of hogs, and was one of a committee of three that picked the champion barrow of the show for the Institute of American Meat Packers' special prize.

## CODE'S KEYNOTE, TRUTH

**EXPERIMENT STATION MEN LIVE UP TO IT, FARRELL SAYS**

**High Degree of Intellectual Honesty Required of Workers, Kansas Director Declares—Must Give Findings to Public, Fearlessly, Free**

That agricultural experiment station men, no less than newsboys, bankers, preachers, and even thieves and professional beggars have standards of professional conduct was shown in a talk before the Manhattan Rotary club Thursday by Dean F. D. Farrell, director of the Kansas agricultural experiment station.

"Most participants in professional activities of every sort, and in sports and games as well, recognize certain ethical standards or rules of conduct," the dean declared. "Newsboys in every large city respect one another's sales territory, each boy keeping to his own side of the street. Professional beggars are said to follow a similar rule. Bankers, golf players, newspaper reporters, teachers—all groups in every activity having any semblance of organization have their standards of conduct, sometimes written into definite codes of ethics but usually unwritten. There is even said to be 'honor among thieves.'

**LIVE UP TO STANDARDS**

"Experiment station men have no written code of ethics but they do have certain well understood standards which are scrupulously adhered to. These standards are all based on the fact that experiment station men are employed to ascertain facts, to find out the truth; and that they are public servants. For these reasons the experimenter is expected to exercise a high degree of intellectual honesty, to publish the truth as he finds it regardless of its effect on any individual or group, and to give to the public, without cost and without pecuniary benefit to himself, the full benefit of any discoveries or inventions he makes in the course of his work.

**CODE IS UNSELFISH**

"That these standards have been lived up to is amply evidenced by the contributions which experiment stations have made to human knowledge and by the large number of valuable inventions and discoveries which have been given to the public by agricultural experimenters. Instances of these contributions include the Babcock test for butterfat, anti-hog-cholera serum, blackleg serum, and a large number of mechanical inventions and many formulae for preventing or curing diseases or controlling pests of plants and animals."

## AGRICULTURAL ECONOMIST OF NOTE TO SPEAK AT MANHATTAN

**Dr. B. H. Hibbard to Attend Farm and Home Week**

Dr. B. H. Hibbard, head of the department of agricultural economics at the University of Wisconsin, will be principal speaker on the Farm and Home week program of the agricultural economics department. He will give the general assembly address on Tuesday, February 6, and will speak to the Kansas State Dairy association on Wednesday afternoon.

Doctor Hibbard is one of the country's leading authorities in agricultural economics, particularly in tenancy and cooperative marketing. He is a widely known writer and is the author of "Marketing of Agricultural Products." For 10 years Doctor Hibbard was connected with the economics department of Iowa State college. He accepted his present posi-

tion at the University of Wisconsin in 1912. Last year he was elected president of the American Farm Economics association.

Tenancy problems, agricultural credits, and costs of livestock production will be featured in the agricultural economics program. The wheat marketing situation will be discussed in two lectures, one dealing with the credit needs of wheat growers, the other, with price making forces.

## CROP IMPROVEMENT MEETING FEBRUARY 8-9

**Kansas Association Will Hold Annual Convention at College Farm and Home Week**

The annual meeting of the Kansas Crop Improvement association will be held at the Kansas State Agricultural college, Feb. 8 and 9 as a part of the Farm and Home week program. Dr. W. C. Ethridge of the agronomy department, University of Missouri, and Prof. H. K. Hayes, of the University of Minnesota, will address the convention.

Doctor Ethridge is an authority on soy beans and Professor Hayes is recognized as one of the leading men of the country in corn breeding.

The work of the Kansas and Missouri crop improvement associations will be discussed and a program for the Kansas association for 1923 outlined. Particular attention will be paid to the results of field experiments on Kanred wheat and Kanota oats and to milling and baking test results for Kanred wheat.

## JOURNALISM STUDENTS TO PUBLISH TOPEKA CAPITAL

**Will Do All Editorial Work for Kansas Day Issue**

The journalism students of the college will do all the editorial work connected with publishing the Kansas day issue of the Topeka Capital. They will spend Monday in Topeka preparing the material for publication Tuesday morning. The opportunity for the students to do some practical work was made possible through the courtesy of Cliff Stratton, managing editor. Students will cover the state house and the several meetings which take place on that day, in addition to the regular "runs" in the city.

The following students have signified their intention of taking part in the enterprise: Harold Hobbs, Manhattan; C. R. Smith, Herington; Raymond Nichols, Buffalo; Paul Vohs, Osawatomie; Alan Dailey, Manhattan; Morse Salisbury, El Dorado; Grace Justin, Manhattan; Dahy Barnett, Manhattan; Blanche Forrester, Manhattan; Alden Woody, Lincoln; V. R. Blackledge, Junction City; Lenore Berry, Manhattan; Karl Wilson, Concordia; Frances Johnstone, Manhattan; Margaret Ploughe, Hutchinson; Edith Abbott, Altamont; Alice Paddleford, Parsons; Melba Stratton, Winfield; Margaret Reasoner, Herington; Velma Lawrence, Manhattan; Gladys Muilenburg, Palco; Margaret Watson, Turon; Josephine Hemphill, Clay Center.

## DEHNER CANVAS ON DISPLAY IN KANSAS CITY EXHIBITION

**"Joseph's Coat" Modern Interpretation of Kansas Landscape**

"Joseph's Coat," a painting by Prof. Walter L. Dehner of the department of architecture, is on display in the annual Missouri-Kansas, Oklahoma Arts exhibition at the Kansas City Art institute. The canvas was exhibited here several weeks ago, and attracted much interest for its modern interpretation of the Kansas landscape.

## HIS SONS AGGIES NOW

**SHORT COURSE "GRAD" GIVES LADS VACATION TO K. S. A. C.**

**"Stoke" and John Dukelow, 7 and 8, Earn Own Railroad Fare to Manhattan—Here Four Days During Christmas Holidays**

The old grads come back for Homecoming day, the friends and parents of the students come up for Farm and Home week and the Spring festival or for commencement, but Elmer Dukelow has instituted a new homecoming at K. S. A. C.—that of the short course men.

Mr. Dukelow's first sight of the



ELMER DUKELOW AND HIS SONS, JOHN, RIGHT AND JAMES STOKELLEY, LEFT

college was during the Christmas holidays in 1921, when he enrolled with a number of the cattle breeders for the first herdsmen's short course. This course, which is offered by the department of animal husbandry, consists of two weeks of intensive training.

**BRINGS TWO SONS**

That Mr. Dukelow was favorably impressed with the work of the college was proved by the fact that he came back to K. S. A. C. to spend the Christmas holidays, 1922, and brought his two sons with him in order that they might see the school. And this is how it happened.

When he returned to his home, the Old Cottonwood Stock farm, near Hutchinson, his sons were very much interested in the college. They never tired of hearing about the trip, and what he had seen and learned.

**"STOKE" IS 7-YEARS OLD**

"Why can't we go and see the college too, daddy?" James asked one day upon hearing the recital for the third time. James Stokely or "Stoke" as he is called at home, is 7 years old. He likes to figure things out for himself, and always wants to know the reason for everything.

"Well," his father replied, "if you boys will earn enough money to pay your railroad fare, I'll take you to Manhattan during the Christmas holidays next year."

The boys eagerly agreed to the proposal, but for some time the question of how to earn the money was a serious problem. The nickels and dimes that they were able to save didn't count up very fast.

**JOHN FIGURES OUT PLAN**

It was John who finally thought of a plan. John is not quite 9, but he has already taken a lively interest in stock raising, especially in the problem of feeding, and the effect of different kinds of feed upon the animal.

So when he heard of a neighbor

(Concluded on page four)



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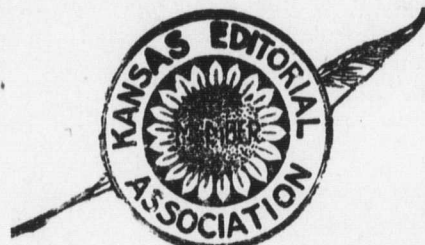
W. M. JARDINE, PRESIDENT... Editor-in-Chief  
N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLEY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, JANUARY 24, 1923

## THE PUBLIC AND THE PRESS

Every newspaper man knows of efforts for better newspapers that have been blocked by the readers. These readers have demanded the suppression of the facts in the interest of their opinions, prejudices, or interests. They have sought "interesting" rather than important news. They have criticized, threatened, withdrawn their subscriptions or their advertising. Journalism is perhaps the only profession in which attempts in the direction of higher standards have met with apathy or even active opposition from the public.

Consequently it is refreshing to read that a number of citizens of Los Angeles have asked the newspapers to lay less emphasis on purely sensational news. It is a most unusual occurrence and a hopeful sign.

It is true that these citizens are not getting at the root of what journalists recognize to be wrong with the press. Sensationalism is really a minor matter—though it must be admitted that on the Pacific coast it is more flagrant and harmful than elsewhere. The fundamental ethical effort of practicing journalists is to get the facts more accurately and more adequately reported. Sensationalism enters into this problem, but is not the chief factor.

Nevertheless, the Los Angeles incident indicates that the public has at last begun to take an active interest in the betterment of the press instead of an obstructionist attitude against it. Public sentiment is developing, and will cooperate more intelligently with the press as it gains greater knowledge of journalistic problems.

## CORN TASSELS

J. H.

The Glasco high school is going to get out a scandal sheet. "Lawzee," comments the Sun, "competition is the life of trade. Ain't we got fun?"

According to the Marshall County News, the only part of the Lord's prayer that the countries across the sea remember is "Forgive us our debts."

The editor of the Marysville Democrat is worrying because just when he begins to feel happy over the New Year, along comes the income tax blank. And the Minneapolis Better Way wants to know since when an income tax blank ever worried a country editor.

One more disillusioned newlywed has been found in Leavenworth. He expected to be master of his house,

says the Post, but finds he is only paymaster.

The Altoona Tribune is awake to the perils which confront its readers. No modest man, warns the moral guide of Altoona, should read the newspapers during the time the stores are having their annual sales of white goods.

E. Z. Goer of Gove City tells the Republican-Gazette that he can't see any logic in saving up for a rainy day. "You can't go anywhere on a rainy day," explains E. Z., in disgust.

The El Dorado Times is ready to drop the expression, "one horse town." Now that everyone owns at least the synopsis of a car, the Times suggests that the antediluvian term be changed to something like "four-cylinder burg."

A tightwad is the fellow who donates three cheers to a cause and thinks he has done his part.—Stockton Review.

## DEMOCRATIC EPIC HEROES

When it comes to democracy, preaching is one thing and practice is another. Perhaps the practice of democracy to any considerable extent would be too unpleasant, too disturbing, ever to become a fashion, but preaching about it has long been, throughout America, one of our favorite indoor sports. Of course, there are many things we like to read about that we should not like to practice, like shipwreck on a desert island, or passing through a typhoon. It is great fun to read Defoe or Cowper, Conrad or Masfield, but may the saints preserve us from the actuality of the experiences we vicariously enjoy. Which brings me to an observation that John G. Neihardt made one day as we sat out under a tree in front of his little cottage in Bancroft, Nebraska.

"You and I," he said, "would have got along all right among the fur-trading democracy of my poems—made up of rough hunters, Indians and soldiers though it was. We are physically and mentally fit; we'd have made our way."

But I don't know. One could believe it of Neihardt; one could believe almost anything of that extraordinary fellow. But most of us do not long for a return of the primitive conditions of society exemplified by the frontier fort and trading post in the Nebraska of a hundred years ago. Think of the famous crawl of old Hugh Glass. He crawled one hundred miles through the uninhabited prairie of Nebraska, dragging a shattered leg behind him. Think of the rough doings of those three friends, Carpenter, Fink, and Talbeau, double-fisted old heroes that they were: how many of us could have stood up among them?

In the first two poems of his epic cycle of the West, Mr. Neihardt has portrayed a thoroughly democratic society. There were no artificial distinctions. A man stood or fell by his own merits, and weaklings perished, or returned to the eastern cities where there were niches for them. Manly qualities counted—of brain, heart and mind—and one family tree as good as another.

To make heroes more or less democratic is nothing new in American literature; that is the usual course. But Mr. Neihardt's originality consists in the fact that he is creating epic heroes, and his epic heroes are democratic. That is something new in our literature.—Frank Luther Mott in The Midland.

## ARYAN, THE PRIMITIVE LANGUAGE

In its distribution from India to western Europe Aryan must often have wandered far from its original home. Its introducers must often have been few compared with the large and dense populations among which they came. The Aryans could hardly have been more than a hand-

ful among the people of India. Something similar may be said of its introduction into Europe about the close of the neolithic period. Middle Europe was at this time fairly well populated, at least in its more fertile regions. The bearers of the new language must have represented a ruling, conquering, or otherwise very influential class, else it would never have been accepted by the mass of the people.

When the original or modified Indo-European language, perhaps in several different dialects, was intro-

change its meaning. To cite a familiar modern instance, the robin red-breast of America is quite a different bird from that of England. For a long time it was supposed that the occurrence of the root of the word "beech" in the European languages proved beyond doubt that the language must have originated in a region where the beech tree was common. But the Greek word derived from the same root means oak; a similar, perhaps not the same, root word in Kurdish means elm. Our knowledge of the original meaning of the

## An Intellectual Aristocracy?

The Christian Science Monitor

At the moment, when a solution is being sought for the problems which perplex the people of the world, the reassuring invitation is extended to refer these problems to those comprising what President Hopkins of Dartmouth college designates as an "aristocracy of brains." This aristocracy, he is quoted as saying, will lead the world out of the dilemma that now oppresses it.

Is it true, as asserted, that to the intelligentsia belongs the credit for the overthrow of the serf system in Russia? Was it an "aristocracy of intellect" that brought about the French Revolution? Did the intellectuals, as a class or as an aristocracy, accomplish the abolition of slavery in the United States? It is undoubtedly true, as President Hopkins asserts, that the serfs did not rise up of themselves and throw off the yoke of oppression, and likewise that the negroes of the slave states did not bring about their own emancipation. The masses of France also were aided in their crusade by those who claimed to compose the "aristocracy of intellect."

And yet the term "aristocracy of intellect" is somewhat distasteful to those who are not regarded among the elect as having attained the intellectual status of aristocrats. Americans prefer to appraise themselves by some other standard. They shrink from a classification whose name smacks so strongly of something incongruous to a free democracy. They seem inclined to believe that if there is an aristocracy of intellect there may one day be set up an autocracy of intellect, with the limiting or inclusive lines fixed according to a standard indicated, not by intelligence, but by intellectuality.

This evident determination to make democracy, as it is understood in its broadest sense, the basis, rather than some undetermined and fluctuating standard of intellectuality, may reasonably be defended, because it is, in fact, impossible to free such a standard from the dangers which are inherent in any aristocracy. The tendency of the class always is to contract, rather than to extend, its inclusive or limiting lines. Education, the ability to think aright, real intelligence, may sooner or later be displaced as the qualifying standards, and the willingness to think according to a formula be substituted.

Education is imperative. Of this there can be no doubt. But this means that education must be of the masses, not of the classes. It has not been made apparent that the colleges have acquired proficiency in turning out supermen or superwomen. Neither does it appear that those who might, if they chose, lay claim to such distinction of class as is suggested by the president of Dartmouth, have been foremost in solving humanity's great problems. It must be that in the future, as in the past, the really great accomplishments must be by those who have learned to see and think clearly. Among such there can be set up no aristocracy, either of intellectuality or of wealth.

duced into Europe, it was carried to people of several or many stocks and languages. These had to learn and acquire it as we acquire a foreign language, but only as a spoken, unwritten language. Probably no one of them acquired it exactly in its original form. It was almost impossible for them to pronounce all its consonants or combinations, its "shibboleths." They retained much of the stress and accent and more of the cadence of their own tongue. Similarly at a far later date Latin developed into the various Romance languages of modern Europe.

Under the new conditions content and meanings changed as well as forms of language. Words little used in the new home, especially names of objects, might easily be lost, while others would be replaced by favorite, apt words from the aboriginal language. A name might be applied to a new object and thus

words is very uncertain. Through all the language there runs a single word for weaving or plaiting, but whether the original word refers to the weaving of cloth or to the plaiting of mats and baskets we do not know.—John Tyler, in "The Stone Age."

If sweet potatoes start rotting in the bins do not pick them over, for the resultant bruising allows black rot germs to enter the skin. Warming up the storage house to drive out moisture will help to check the rot.

## ELSA

Hilda Conkling in "Shoes of the Wind"  
My sister stood on a hilltop  
Looking toward the sea.  
The wind was in her bronze-colored hair.  
She was an image  
On a broken wave . . .  
Foam was at her feet.  
So for a moment she wavered  
And was lovely;  
And I remember her.

## SUNFLOWERS

H. W. D.

## DOPE

### A SERMONETTE IN FIFTEEN FITS

Written with apologies to Bacon, Rousseau, Franklin, Frank Crane, Arthur Brisbane, H. L. Mencken, Beatrice Fairfax, Will Rogers and any others who have suspected at one time or another that it does any good to sermonette about anything at any time.

A metropolitan daily laments in big black type that there are four million dope users in the United States.

The daily shows too much concern over such a little thing, especially when you consider the fact that there are really one hundred ten million instead of four.

Dope, we premise, is something taken to allay the pain of allowing Nature—or Truth—to take her course. It is taken under the delusion that if you kill the pain, Nature—or Truth—quits the job.

It makes no difference whether Nature is grinding away in an ulcerous stomach, a decayed tooth, a sciatic nerve, or a hookworm mind, we all try to work around her by taking dope.

It is a great temptation to use dope for an aching tooth. It is a greater and far more dangerous temptation to dope a delinquent and lazy mind.

Most of our dope for bodily ills comes from the Orient. Our mental opiates come from the Past instead of the East. We also get a lot of soothing syrup from the popular Print of the Present.

We govern our conduct by sets of rules and regulations we have picked up the Lord knows where. The more ridiculous our convictions, the more lovingly we paw over them and the more ardently we worship them. Some of us can go a million miles on a gallon of dope—if it is of poor enough quality.

A Republican is a man who fills his tank with Republican dope. A Democrat buys Democrat dope. A Socialist is a fellow full of Socialism.

Why do you support this baseball team, that college, this lodge, that church, Tennyson, Jess Willard, the Smart Set, Warren Gamaliel Harding, Near East Relief, Senator Borah, Andy Gump, the Dial, Rotary, Jiggs, the Pennsylvania railroad, the Menace, Kiwanis, the Elite Cleaners, Ring Lardner, Einstein, Democracy, Dadaism, Volstead, Fireplaces, Camel cigarettes, Puccini, the Podunk Picayune, Al Jolson, the Gish girls, Snappy Stories, Theosophy?

Honest to Goodness, now, why do you?

You are doped.

The flapper, the uplifter, the cynic, the nihilist, the intellectual, and the professional lowbrows have merely taken too much dope of one kind or another. There is little else the matter with any of them.

The professional reformer is doped to the point of raving obsession. He views with delirious tremors the mirage of the ascension of the lid of hell and the consequent tumbling in of everybody except himself and his stenographer. It's really awful the way he eats his own dope.

Yet the metropolitan daily, consecrated to the high purpose of making truth newsy and news truthful, says that there are only four million users of dope in our dear old complacent midst.

It is to giggle!

Road tar and grease stains are softened by kerosene, which in turn can be removed by gasoline.



## AMONG THE ALUMNI

Gerda P. Olson, '21, lives at 705 Grace street, Wichita Falls, Tex.

L. E. Humphrey, '77, is living at 2426 North Weber, Colorado Springs, Col.

R. S. Mather, '22, Box 266, Leavenworth, is chemist for the Leavenworth Milling company.

Lloyd D. Zimmerman, '21, is with the Westinghouse Electric company's sales department at Houston, Tex.

Lina Tulloss, '16, has been placed in charge of the vocational guidance department of the Topeka Y. W. C. A.

F. A. Hennessey, '20, 439 North Franklin street, Danville, Ill., has been engaged since January 1 in research work for the Sugar Creek Creamery company.

W. A. Boys, '04, until January 15 county agent for Sumner county, has been employed to work with the federal trainees who have finished their courses and are located on farms. Boys and Dovie May (Ulrich) Boys, '03, are located at 301 Humboldt street, Manhattan.

Marcia Seeber, '21, is trying to arrange a meeting of Aggies living in Minnesota for some February date. The meeting will be in St. Paul or Minneapolis. "A number of us who are connected with the University of Minnesota are making preliminary plans," she writes. Miss Seeber is Y. W. C. A. secretary on the agricultural campus, University of Minnesota.

### Alumni Directory Progressing

The directory of K. S. A. C. alumni is being compiled. In fact, the work has been under way more than a month. Names and addresses are being copied from the card records in the executive secretary's office and there will be three listings of each individual, conforming to the accounting in the office.

The first listing is alphabetical, with degree, year, occupation, and residence noted. The second listing is by classes. The third listing is geographical—alphabetical by states and cities within the states.

Should the cost be prohibitive, the size of the directory will be reduced by withholding one of the listings. It is the plan of the secretary's office to publish the directory annually, that it may be of real value. Aggie population shifts so that a directory is good for only a few months after publication. In fact, many of the addresses that will appear in the directory are incorrect but must be used as the latest information available.

The price of the directory is \$2. It will be mailed free to active members of the alumni association. Only a limited number of copies will be available for purchase, for which reason non-actives should place orders at once.

### Fairchild, '88, Addresses Missionaries

An address by David G. Fairchild, '88, before the first annual meeting of the International Association of Agricultural Missions in New York City in December is quoted by the officers of the association as containing pronouncements of importance to the movement to address people in terms of their daily work.

"I went into the department of agriculture," said Fairchild, "when there were only six men in it. Now there are 2,000; there are 900 investigators alone. I can well remember the conversation at my father's table between him and the first agricultural student from Japan.

"I am glad to be here at the beginning of this association which is, I believe, destined to become a great movement. I am authorized to ask you to appoint a committee to meet with representatives of the department of agriculture and work out a

way to give more training to agricultural missionaries before they go out to the field, and to point out to them how they may more effectively help the particular countries to which they go."

### Tubbs, '17, Writes Article

In the November issue of The Electrical Journal, a monthly technical publication, of Pittsburgh, Pa., appeared an illustrated article on "Connecting Induction Motors with Untagged Leads to the Line," by L. G. Tubbs, '17.

Tubbs is in the motor engineering department of the Westinghouse Electrical and Manufacturing company and was one of the men selected by B. G. Lamme, chief engineer of the Westinghouse company to take special instruction in engineering design as a part of their training course with the Westinghouse company. Only 10 or 12 men of outstanding ability in engineering design are chosen by Mr. Lamme from the 200 or more selected by the Westinghouse company annually from the various technical institutions of the country for their apprenticeship course, to receive this instruction.

Mrs. Tubbs will be well remembered in Manhattan as Madge Austin, '19.

### Philips, '07, at Purdue

A. G. Philips, '07, head of the poultry department at Purdue university, includes an interesting thumb-nail biographical sketch with his active membership dues.

"After I was graduated from K. S. A. C. in '07," he writes, "I was a sheep inspector in Arizona and New Mexico and took some special work at Cornell. I went to K. S. A. C. in 1908 and was in charge of the poultry work there until 1910. I have been at Purdue since 1910 developing a department here. We now have nine men on our staff and 17 permanently employed and on our pay roll. I have had the pleasure of developing this department with the cooperation of others and each year we have been able to do a little bit more than the preceding year. We are now looking forward to a poultry building to be used exclusively by the poultry department."

### Smith, '95, Visits Here

Fred J. Smith, '95, Mena, Ark., was a visitor in town and at the college during the holidays. He is secretary of the chamber of commerce of Mena and reports that he and his wife, Laura (McKeen) Smith, '95, enjoy their residence in that prosperous region. Their son, Dean, is a sophomore student here in civil engineering.

## BIRTHS

Lloyd N. Arnold, '14, and Mattie (Moore) Arnold, f. s., announce the birth December 30 of a son whom they have named David Wayne.

R. C. Warren, mechanical engineering, '23, and Florence (Peppiat) Warren, '16, announce the birth of a son, January 10.

Rudolph Stuewe, '16, and Mrs. Stuewe, of Alma, announce the birth of a baby girl January 8. They have given her the name Bertha Alberta.

Oley Weaver, '11, and Kate (Blackburn) Weaver, f. s., announce the adoption January 2 of a son, born December 18, whom they have named Richard Ennis.

John H. Anderson, '12, and Ethel (Marshall) Anderson, '14, Kansas City, Mo., announce the birth December 16 of a son whom they have named John Hilmer.

H. D. O'Brien, '11, Danville, Ill., and Mrs. O'Brien announce the birth December 18 of a daughter whom they have named Rebecca Joyce.

## CALIFORNIA AGGIES. SING, DINE, DANCE

Thirty-six Attend Banquet in Sun Room of Berkeley Hotel—Elmer Kittell, '11, Elected President

Under the shadow of the Campanile tower of the University of California, at the Claremont hotel in the hills of Berkeley, a group of college people dined and paid tribute to their alma mater. Not to the nearby university, but to K. S. A. C., many miles away, and the hills re-echoed with their Jay-Rahs and their college songs.

It was on the evening of January 12 that this group of 36 alumni gathered around the long banquet table on the sun porch of the hotel. The table was decorated with purple and white violets.

In the absence of A. J. Reed, '04, president of the association, who was out of the city, V. C. Bryant, '10, acted as chief host of the evening. "Bridge" and Lillian (Lowrance) Mickel, '10, led off the grand march.

After the dinner Elmer Kittell, '11, acted as sort of a toastmaster and proceeded to "bawl out" everyone and make them all tell their life histories from the time they left college. The class of 1911 had the largest number present, seven. The '10s were next with five present, said '10s declaring; however, that this was the first time in history that the '11s ever were ahead of the '10s in anything.

The most distinguished guest was E. B. McCormick, formerly dean of the engineering division, who gave an interesting account of his doings since he left K. S. A. C. He is now in government work in San Francisco. Other "famous ones" present were Harry Baird, '11, and Leo Price, '11, both of baseball fame. Both have put on a few pounds since their college days.

The Bairds drove down a hundred miles from Sacramento for the evening. Others from a distance were the M. D. Collins family from Susanville, Bertha Schwab from Woodland, Hope (Palmer) Baxter and Bill Brooks from Modesto, 80 miles away.

Isabelle (Arnott) Bryant, secretary, read a most interesting letter from President Jardine telling of the work and plans of the college. She also read greetings from the alumni secretary, Oley Weaver, '11.

Resolutions of greeting and good wishes from the Northern California Alumni association were adopted to be sent to President Jardine and the college.

At the business meeting the following officers were elected: Elmer Kittell, '11, 4502 Brookdale avenue, Oakland, president; Isabelle (Arnott) Bryant, '10, 3043 Deakin street, Berkeley, secretary; L. B. Mickel, '10, 1456 Filbert street, San Francisco, publicity.

Aggies coming to San Francisco or the Bay district are asked to send in their names to one of these three for membership in the association. Picnics and gatherings of various kinds aren't uncommon with this bunch.

After the election, with Mae (McCleod) Robertson at the piano and Elmer Kittell as leader, "Alma Mater" was sung. The remainder of the evening was spent in visiting and dancing.

Those present were Harry Baird, '11, Sacramento; D. F. Bacheller, Oakland; Ruby Heasley Bacheller, Oakland; Gladys Heasley, Oakland; Edna Beau-lieu Baird, Sacramento; Elmer Kittell, '12, Oakland; Florence Alsop, '18, Berkeley; E. T. Englesby, Point Reyes; Tillie Marie (Kammeyer) Bassau, Berkeley; Wm. W. Brooks, '20, Modesto; Mrs. L. R. Hain, San Francisco; Leo S. Price, '11, San Francisco; Vida (Cowgill) Price, San Francisco; Willis E. Berg, '11, Berkeley; Lulu L. Case, '11, Berkeley; Edith Caldwell Purcell, Oakland; Hope Palmer Baxter, '10, Modesto; Isabelle Arnott Bryant, '10, Berkeley; Edna Skinner Florrel, Davis; Leo R. Hain, '11, San Francisco; Bertha Schwab, Woodland; V. H. Florell, '11 and '14, Davis; Hazel McLaughlin, San Francisco; E. B. McCormick, Alameda; Kathleen Lyons, San Francisco; Quintin Campbell, Santa Rosa; Amy Batchelor Collins '12, Susanville; M.

D. Collins, '13, Susanville; Laura Paulsen Reed, Oakland; Mae McCleod Robertson, Oakland; V. C. Bryant, '09, Berkeley; R. W. Robertson, Oakland; Emma R. Lane, Oakland; Lillian Lowrance Mickel, '10, San Francisco; Dale V. Payton, Oakland; Mabel Hammond Kittell, '11, Oakland.

### Endacott Designs Building

A. Endacott, f. s., a product of the architectural course of the Kansas State Agricultural college, is a member of the architectural firm of Rush and Endacott, Tulsa, Okla., according to Dr. J. D. Walters, professor emeritus. The Tulsa World of November 19 published an article on the architectural work of the new Atlas Life Insurance building in that city, mentioning that the drafting of the big modern steel and cement structure was done by Rush and Endacott, after describing the building with its many offices, rooms, vestibules, and elevators. The building is a model of its kind. It looks clean, chaste, dignified, and right, according to Doctor Walters. It measures 150 by 150 feet and is 12 stories high.

### He Christened Brown Bull

J. E. Tillotson, f. s., was a college visitor recently. He is now associated with the Gray Advertising company of Kansas City, Mo. He avers that his greatest college accomplishment was the naming of The Brown Bull, college humorous magazine published by Sigma Delta Chi and Theta Sigma Phi.

### Finney Countians Organize

A K. S. A. C. association was formed at a meeting of Finney county alumni and former students in Garden City January 17. J. O. Carter, f. s., Garden City, was chosen president, B. C. McCue, f. s., Garden City, vice president, and Earl F. Burk, '22, secretary.

### His Own Employer

J. L. McDowell, '92, is his own employer, he states on his alumni record. He works on his farm, the address of which is R. F. D. 1, Box, 71, Tucson, Ariz. In addition, he is president of the Flowing Wells irrigation district. Six boys, J. L., jr., '22; George, '20; Ed., '18; Jake, '14; Paul, '9; and David, '4, are named on the family roster.

He mentions a promotion to head watermelon carver in July, 1922.

### Director of Philadelphia Schools

Henrietta Willard Calvin, '86, December 1 assumed the duties of director of schools for the city of Philadelphia, Pa. The office was created for her and she finds her work the most interesting that she has ever had, involving big problems. Her address is care of the Board of Public Education, Grant Building, Seventeenth and Pine streets.

### Fenton, '13, Wants Information

H. H. Fenton, '13, Pittsburgh, Pa., wants information. He plans to give it out to exiled Kansas Aggies of the Smoky City region at a meeting on Kansas day, January 29. Fenton, who confesses, "I was born a Sucker, became a Badger, and wound up a Jayhawker" wants to know "How are our schools, churches, cemeteries, people, industries, activities, resources, politics, and health? What should we be proud of and what is our goal?"

More than 500 farmers and breeders raising all kinds of domestic animals answered questions sent out by the United States department of agriculture and from these replies it has been determined that these men consider purebreds 40 per cent better from a utility standpoint than common stock. They say that offspring of pure bred are worth practically 50 per cent more in sale value than the offspring of grades and scrubs. Also, pure bred were found in nearly all cases to be more readily salable.

## LOOKING AROUND

OLEY WEAVER, '11

Down in Butler County the other night where the Aggies had gathered for a banquet and organization meeting, one of their number was nominated as stadium chairman. Feeling his inability to carry the work alone to a successful end he sought a withdrawal of the nomination. He is a busy man, has his living to make, and already is engaged in a work for the good of others as much as himself. Time and again he sought release.

Then the acceptance. The whole group promised to aid him in his efforts to carry the campaign forward in his county, bound themselves to accept from him and carry out orders without question, and work diligently. They had faith in him and he in them. And that's the old Aggie spirit that is going to put across the stadium campaign in Kansas and create from concrete and steel the living monument.

There is inspiration merely in the striving for this magnificent monument. There is pride in its accomplishment. And there is strength in believing it possible of attainment. Then there is shame in neglecting the opportunity that, properly grasped, would achieve the objective. And disgrace in failure because we did not work and give.

But we shall be successful. The Aggie clan rises to unusual heights, once aroused to the serious purpose of the work before them. Banded together, with faith in one another, they accomplish that for which they set out.

Within a few days there will go out from the campus to all alumni of known address, a booklet setting forth the stadium idea in all of its glorious possibilities. Tear open the envelope and grasp the book. You will have in your hands the biggest idea upon which Aggie interest and enthusiasm ever set themselves. Read it, and you will have it in your heart. Put it under your pillow and you will have the sweetest dream and greatest vision Aggie ever had.

Then wake up! Realize that you are in the position of the Butler county man. You have been nominated to do your part in making the dream real; and every other Aggie has been nominated to work at the same task.

Success? There is no chance for anything else but.

### Paddling Up Stream?

Of all the things that folks may do, It's best to paddle your own canoe. Of all the wishes of the year, The best one is—"Good luck and cheer."

\*So runs a Christmas card from R. S. Kellogg, '96, and Mrs. Kellogg, 342 Madison avenue, New York. A small print on the card shows the Kelloggs navigating their bark on the Wisconsin river last June.

### Wish to Be Counted In

"When you get ready for our contribution to that new stadium," write W. R. Gore, '17, and Eva (Wood) Gore, '18, "address us at Ramona, Okla., and we will be right with you on the great building." So will we all of us.

## MARRIAGES

EWALT—DALTON

Mr. and Mrs. Harry Ewalt, Manhattan, announce the marriage January 20 of their daughter, Frances Ewalt, '16, to John W. Dalton, Sedan.



## CATS NOT UNSANITARY

POPULAR IDEA THAT THEY ARE "DIRTY CREATURES" REFUTED

**They Prefer Raw Flesh but Will Eat Buttered Bread—Should Have Access to Some Green Stuff—Resistant to Many Diseases**

The cat is often considered by people who have not carefully studied the animal, to be of filthy and unclean habits, and while this may be true of untrained and neglected individuals, it is far from the truth as regards the average cat. The normal healthy cat is most particular as to its toilet, and any neglect of personal cleanliness is a sign that there is some deviation from the normal. In fact it is usually a symptom of illness, according to college veterinarians who have specialized in the treatment of small animals.

The cat when sick has the common characteristics of all felines, that it invariably retires to some secluded place and hides; this tendency, coupled with neglect of the toilette is of great value in arriving at the conclusion that the animal is or is not well.

### NINE LIVES—ALMOST

The old saying that a cat has nine lives is in some ways correct, in others misleading. That the cat must be immune, or nearly so, to a host of bacterial infections is proved by the fact that, compared with other animals, the bacterial diseases of the cat are few. This is especially so when one takes into consideration the chances of infection that a cat is exposed to by its wandering habits and garbage can investigations, coupled with the constant cleaning of the coat by licking. The highly strung nervous system and remarkable agility of the feline no doubt enable him to avoid accidents and injuries to which a slower and less agile animal would fall a victim. On the other hand, the injured or sick cat appears to have a remarkably low resistance to invading organisms and succumbs to what in other species are comparatively trivial conditions.

Veterinarians and those people who deal directly with a large number of felines realize that special consideration must be paid to the psychology of these animals, far more than is necessary in the equine or canine species. Nauseous drugs, rough handling, strange surroundings, or the presence of dogs or other animals all have a psychic influence and are to be avoided whenever possible. Nostalgia, or homesickness, is a condition to which all felines are subject when confined away from home and is usually shown by an obstinate refusal of food, gradual emaciation, and oftentimes death.

### REQUIRE LITTLE CARE

Ordinarily, cats, because of their cleanly habits, require little care. Most cats keep their bodies and fur clean by washing themselves after every meal, but at times it becomes necessary or desirable to clean the long haired breeds. It is not advisable as a general thing to bathe cats in water. The fur is not benefited and the disposition of the cat is certainly not improved. A little alcohol diluted in its own volume of water and rubbed in the dirty parts with a soft towel, cleans very well. Thorough brushing and rubbing will alone at times suffice to clean. Dry cleaning with cornstarch or talc rubbed in the fur and then brushed out cleans quite thoroughly and does not spoil the coat. The long haired cats should be brushed once a day to invigorate the skin and remove dead hair and dandruff, otherwise by licking themselves they may swallow the loose hair, which may result in the formation of hair balls in the stomach.

Sometimes Kitty's claws become long enough to grow back into the flesh of her foot pads and to cause trouble. It then becomes necessary to properly clip the claws from time to time. Then too, a needle sharpness is not desirable in the claws of a cat

that is a playmate for children, and the offending claws should be kept blunted with a small nail file after once they have been properly clipped. An examination of the teeth should be made once or twice a month and any loose or discolored teeth should be attended to as it is inhumane to allow an animal to suffer needlessly with sore teeth or an inflamed mouth.

### THEY'RE FASTIDIOUS EATERS

Cats are very fastidious eaters. The food that one cat enjoys will be sometimes entirely refused by another. No two cats feed alike. Remember a cat is essentially a carnivorous animal and must be treated as such. However, in general, its glandular secretions and digestive apparatus demand primarily a high protein diet. Raw beef, mutton, liver, kidney, and fish, approximate their food as nature intended. Cooked foods are not so palatable or easy for them to digest. Food partly boiled is acceptable but fried foods are not desirable and are often harmful. Eggs, raw or poached, or soft boiled are nourishing. Now and then a change to vegetables of one sort or another is beneficial if Pussy is so inclined. Canned fish such as sardines, salmon, and tuna fish, make a good change for a meal or two. Buttered bread is a delicacy to some cats but it should not constitute the main diet. Cereals are also good occasionally. The liquid portion of the meal should be fresh milk or water. Clean water should be accessible to cats at all times.

About a tablespoonful of chopped meat plus milk will keep the ordinary cat in a strong healthy condition. Most people overfeed their pets. A heavy, fat dull sluggish cat is not a healthy one and will not live as long or as well as it should. It is highly desirable that a cat have access to green grass, as small amounts undigested act as a laxative, while larger amounts produce gastric irritation acting as an emetic. Large bones offer much amusement to cats besides being beneficial in that they assist in cleaning the teeth.

### CRIMINAL RECORDS OF FRUIT ROBBERS TO BE MADE PUBLIC

**Control Methods Also to Be Considered Farm and Home Week**

The criminal records of such fruit robbers as the codling moth, apple blotch, and San Jose scale, and methods of eradicating these pests will be the chief consideration of the fruit and truck growing program of Farm and Home week. The program will be participated in by the departments of horticulture, botany and plant pathology, and entomology.

S. A. Forbes, professor of entomology, University of Illinois, and J. R. Cooper, head of the department of horticulture, University of Arkansas, will be out of state speakers on this program.

A luncheon to orchardists will be given Friday, Feb. 9, in the horticulture storage cave.

### PURPLE MASQUE, DRAMATIC FRATERNITY, GIVES PLAY

**"Adam and Eva" Is Directed by Ray E. Holcombe**

"Adam and Eva", a comedy in four acts, was presented this month by the Purple Masque, dramatic fraternity of K. S. A. C. The play was directed by Ray E. Holcombe of the public speaking department. Each person in the play showed the results to be derived from careful training.

The cast included the following persons: H. Otis Garth, Strong City; Curtis Watts, Winfield; J. F. T. Mostert, Balfour, Transvaal South Africa; Margaret Ansdell, Jamestown; Julia Caton, Winfield; Cecil C. Wilson, Canton; Volney Chase, Manhattan; Donald Dieffendorf, Manhattan; Harold Hobbs, Manhattan; Hazel Hess, Fredonia.

Some little kitchen utensils of her own when she's small will make Mary want to help mother more when she's older.

## "ART UNITES PEOPLES"

WE NEED TO UNDERSTAND OUR FELLOWS, SANDZEN SAYS

**Narrow-Mindedness, Intolerance, Stupidity Have Right of Way, Painter Declares in Address Here—Work on Exhibition at K. S. A. C.**

"The faculty of admiration is the beginning of everything that is great," declared Birger Sandzen, professor of fine arts in Bethany college and widely known painter, in an address at the college Friday.

Art was presented by Mr. Sandzen as a remedy for present evils.

### NEED NEW LEADERSHIP

"All the narrow-mindedness, all the stupidity in the world, has now the right of way," commented the painter. "We need new leadership and new ideas. We need to understand our fellows. In this, art will be of great help. Art unites peoples." In two addresses Professor Sandzen discussed the work of several artists and also dealt with several phases of technique.

### WORK PRESENTED HERE

A brilliant collection of Mr. Sandzen's paintings, lithographs, and woodcuts has been on exhibition at the college for some time. Several of the canvasses show an advance in massiveness and strength even over his work previously shown here.

### BAND CONCERT CLOSING NUMBER OF MUSIC DEPARTMENT SERIES

**Program Includes Compositions Attempted Only by Professionals**

The band concert, under the direction of Prof. Harold Wheeler, Sunday afternoon, was a satisfactory finale to the series of free concerts that the college music department has given this year. The program showed careful preparation and a wide selection of material.

"Selections from Aida" was perhaps the best number. It was unusual in the orchestral effect, and the tone quality approached that of a symphony orchestra. The Hadley suite showed a variety of effects. They were so contrasting that only a well trained organization would attempt them.

"Operatic Nightmare" pleased the audience. The arrangement was clever, two or three tunes being played at times, in counterpoint to each other. Some of the members of the band were a bit careless in attack, a bit eager, perhaps, to make an entrance. As a consequence, entrances were not always clear. The work of the band has been improving constantly in presentation and standard of material, until their programs now include numbers which are usually only attempted by symphony orchestras.—B. F.

### AGGIE BASKETBALL TEAM STILL IN CELLAR PLACE

**Sooners and Pikers Defeat Wildcats 23-18, 21-19**

The Aggie basketball team continues to retain its position in the cellar after suffering two more defeats at the hands of conference teams. Friday evening the Oklahoma Sooners came out of the game on the long end of a 23-18 score after playing an extra five minute period to settle a tie. Saturday evening the Washington Pikers defeated the purple aggregation for the second time this season by a score of 21-19.

### GOPHERS AND BULL SNAKES TO BE SEEN IN K. S. A. C. "ZOO"

**Rodent Control Will Be Exemplified Farm and Home Week**

The pocket gopher would rather eat the farmer's alfalfa than to have a meal of Irish and sweet potatoes. This fact was discovered in recent experiments on gophers made by the zoology department of K. S. A. C., with a view of perfecting a poisoned bait. The results of these experiments, along with exhibits of gophers

and moles and their natural enemy, the bull snake, will be given by Prof. F. L. Hisaw, during Farm and Home week, as a part of the zoology department program.

This program will be given on the afternoons of Tuesday and Wednesday, February 6 and 7. It will include talks and exhibits on applications of the law of inheritance to animals and man, parasites of domestic animals, prairie dog and pocket gopher control and preservation of wild game.

### PHI SIGMA KAPPA GRANTS CHARTER TO LOCAL BODY

**Phi Delta Tau Successful Petitioner of Social Fraternity**

Phi Sigma Kappa, social fraternity, at its biennial convention recently awarded a charter to Phi Delta Tau, local fraternity of K. S. A. C.

Phi Sigma Kappa, founded in 1873, has expanded conservatively.

The present student members of Phi Delta Tau are as follows; H. J. Staib, Turon; Glen Longley, Lebanon; E. H. Jackson, Berkeley, Cal.; Karl Frank, Manhattan; G. C. Bartgis, Cedar Vale; Harold Smythe, Wichita; W. G. Welker, Coffeyville; Myron Baker, Syracuse; M. S. Thompson, Manhattan; V. Bates, Manhattan; L. O. Sinderson, Manhattan; A. D. Mueller, Hanover; H. E. Monroe, Manhattan.

The faculty members are Prof. N. A. Crawford and Dr. R. K. Nabours.

### FLUENT WRITER SHOULD VOID DANGER OF INACCURACY—CALL

**College Agronomist-Magazine Editor Talks to Students**

A knowledge of the nature of the publication for which he intends to write, something to say, and a determination to tell the truth at all odds were points stressed by L. E. Call, head of the department of agronomy in the college, in discussing the preparation of articles for the agricultural press before members of the department of industrial journalism at its last lecture period of the semester. Professor Call is an editor of Farm and Fireside and a frequent contributor to that and other magazines.

"The danger of not telling the truth is greater even with the fluent writer than with others," Professor Call declared. "There always is present the temptation to turn a phrase at the cost of accuracy."

Professor Call deprecated the policy of some publications "to give the readers what they want," to the point that valuable information is crowded out.

### MEMBERS OF COLLEGE FACULTY TESTIFY FOR PURE SEED LAW

**State Legislators Agree to Introduce Bill to Protect Farmers**

Dean F. D. Farrell, Prof. R. J. Barnett and Prof. L. E. Call spent last Friday in Topeka attending a meeting of a committee of the legislature and giving testimony before it regarding the pure seed bill. As a result of the testimony given, a member of the senate and one of the house have agreed to introduce the bill. This measure is intended to protect the buyers of agricultural seed from getting inferior goods.

### SOUTH AFRICAN STUDENT TO TAKE GRADUATE WORK HERE

**Directed to Enrol in Agronomy At K. S. A. C.**

Dudley Moses, a South African holding a scholarship in agronomy from his government, who will complete his work for the bachelor's degree at the end of this semester at the University of Illinois, has been directed to come to Kansas State Agricultural college for his graduate work in agronomy. He will arrive to take up his work at the beginning of next semester.

A folding ironing board attached to the wall is always ready for use but not in the way.

## ENTIRE TRACTOR SHOW AT FARM-HOME WEEK

**Implements Will Be Demonstrated—Engineering Division of College to Hold Open House**

Ten or 12 makes of tractors, several auto trucks, and specimens of new farm tillage machinery will be displayed by the agricultural engineering department in Farm Machinery hall, K. S. A. C., throughout Farm and Home week. These implements will be demonstrated by members of the department staff and by agents of the companies manufacturing them.

Wednesday, Feb. 7, will be devoted to power farming by the agricultural engineering department. O. W. Sjogren, professor of agricultural engineering, University of Nebraska, will outline the principles to be considered in selecting farm tractors. During the rest of the week, farm home conveniences will be stressed. Lectures on home equipment will be illustrated by motion pictures.

Thursday, Feb. 8, will be Engineering day. Prof. J. B. Davidson, head of the department of agricultural engineering, Iowa State college, who has been called the "dean of agricultural engineers," will give the morning assembly address, "An Agricultural Program from the Viewpoint of an Engineer." On this day all departments of the engineering division will have an open house for Farm and Home week visitors. Each department is arranging some form of special entertainment.

## HIS SONS AGGIES NOW

(Concluded from page one)

who was selling milk, and wanted to get rid of his calves, he thought this was a good opening. The boys drew on their savings banks and went to the neighbor who sold them a little red and white calf for a dollar. As there was plenty of spare milk last summer they did not have to worry much about feed. But the boys took all of the care of the calf themselves, keeping it for eight weeks, when they sold it for \$8.

In the meantime they bought another calf,—a Holstein this time, paying 50 cents for it. After feeding it for about two months they sold it for \$5. This made the amount of money required for their trip.

### HERE FOUR DAYS

They could hardly wait for school to close, and it seemed as if the day set for the trip would never come. But it did at last, and they found themselves on the train. They arrived in Manhattan Wednesday and stayed until Saturday.

The boys found plenty to do during their stay. They did everything, from visiting the power plant to sliding down the fire escape in the auditorium. The place that interested them most was the museum. The alligator was the chief attraction. They would have been perfectly willing to spend several hours watching him, and "Stoke" wanted his father to buy him to take home with them.

### JOHN READY TO ENROL

During the summer the boys had collected some specimens of stock flies, and while they were at the college they took them up to Dr. J. E. Ackert of the zoology department to find out what they were. He let them look at several kinds of specimens under the microscope, and showed them interesting things in the department.

Later in the day Mr. Dukelow asked John what he had learned. "That grub worms are not good for pigs," was the reply, which was what John made of the explanation of tape worms. "I sure would like to have Doctor Ackert for a teacher," he added.

And who knows but that he will some day, for John is planning on going to K. S. A. C. as soon as he is old enough. At least that is what his father says and he is as loyal to the college as any Aggie grad.



# THE KANSAS INDUSTRIALIST

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Kansas State Agricultural College, Manhattan, Wednesday, January 31, 1923

Number 18

## EVOLUTION EVERY DAY

### CONSTANT CHANGE EVIDENCE OF THEORY, NABOURS POINTS OUT

**Stones of College Buildings Are But Vestiges of Former Animal Life—Hills of Today Are Mountains of Yesterday**

"Our written history, conspicuous for its errors and incompleteness, covering at best a period of hardly more than 10,000 years, is in point of length of time to the entire history of the earth less than an hour to the 10,000 years. Or, the whole span of a man's normal life is to the history of the earth less in ratio than the duration of a flash of lightning to this period of seventy years."

With these comparisons, Dr. R. K. Nabours, head of the department of zoology of the college, prefaced an address on "Evolution" given before the Science club recently.

### ROCKS OF AGES, LEGEND

"To the casual, untutored person," continued Doctor Nabours, "there is an aspect of stability in nature as being the same today, yesterday and forever in the past, and evermore in the future. This illusion is due mainly to the short time of the life of the average individual and even of written history."

"Our oldest inhabitant has not seen, nor did he hear from his aged father, grandfather, or great grandfather, accounts of, nor does the oldest Indian legend tell of a profoundly different topography from that which we observe today. In fact, human legends are all to the effect that the hills are everlasting and that the rocks are of the ages."

### NATURE FOREVER CHANGING

"But let us examine some of the features in the light of what actually goes on before our eyes, even in the short span allotted to us for observation. We know that our hills and valleys are never the same any one year, or even any one day, that they were the last or will be the next. Some dust is blown from this to that place; it never rains or snows, without degradation here with compensating aggradation there."

"It is necessary to accelerate and abbreviate this picture as it would require a full course each in biology and geology to develop it adequately. Casting backwards, it is clear that great thicknesses of rocks once overlaid even the highest of our hills, and now they are found to have been eroded away. We are now occupying the layers, or strata, that were far beneath that one that formed the bottom of the last body of water that covered this region."

### ROCKS FROM ANIMAL LIFE

"Year by year, the water is carrying towards and to the seas the substances, principally lime and clay, of our rocks, where the clay is deposited to make shales, and the lime is utilized by animals in making their shells and skeletons, which in turn as the animals die, are eventually made into layers of limestone again, in the same way as the rocks here from which the lime is now being derived were made in that old sea."

"Just to focus on one spot of the complicated picture, most of the limestone of the region about Manhattan, that of which our buildings are made, is definitely known to have been derived from the shells and skeletons of animals, and the kinds of animals are mostly known, which inhabited the sea that existed here in late Carboniferous and early Permian times."

"The sea was then securing much of the lime which the animals were using and the clay for the shale, from the huge overtopping Oachita

mountains of Arkansas and Oklahoma, of which the present Ozarks are pigmy vestiges.

"What seems so permanent is but a short phase in the chain of changes which the earth and all it contains or supports has to undergo. These changes, from which there is no escape, neither for rocks nor for seas, nor for living beings, we call evolution."

### AGREED ON DARWINISM

"On the facts of evolution as stated by Darwin and restated and elaborated by such Darwinians as Romans, Weissmann, Huxley, Roux, Cope and others, and by such neo-Darwinians as Morgan, Kellogg and others, there has not been nor is there now, any controversy, or serious difference of opinion among scientists. These facts constitute actually the working basis of practically all educators, statesmen, sociologists, economists and agriculturists and a fast growing numerous list of ministers of the gospel, a far greater number of these than is commonly supposed."

"Biology, like theology, has its dogmas. Leaders have their disciples and blind followers. All great truths like Darwin's law of selection, acquire a momentum which sustains half truth and pure dogmas. Is it not true that the teachings of Christ and the laws of God are even greater sufferers in this respect? In the name of both God and his Son are not the most terrible things done, including war, murder, rapine, and all?"

### COLLEGE EXTENSION GIVES STATE VALUABLE SERVICE

#### Dean's Biennial Report Lists Outstanding Accomplishments

The biennial report of agricultural extension work for Kansas, for the period extending from July 1, 1920, to June 30, 1922, enumerates outstanding accomplishments of the Kansas State Agricultural college extension service.

The poultry culling campaign and the purebred sires work occupy a conspicuous place in the report. Approximately 600,000 non-laying hens were culled from the farm flocks of Kansas in the period. The purebred sires work resulted in the replacement of 1,568 scrub sires by purebreds.

During the two years 1,155,850 copies of extension publications were issued and 268,748 persons attended extension meetings.

### HONEY PRODUCERS LEAGUE TO MEET HERE FEBRUARY 9

#### Two Day Program on Beekeeping to Precede Convention

The beekeeping program of Farm and Home week will consist principally of round table discussions of bee problems by commercial beekeepers of the state. The discussions will be led by Dr. J. H. Merrill, state apiarist. Meetings will be held on Wednesday, Thursday and Friday. The Kansas Honey Producers league will meet Friday, February 9.

Last year inspectors from the bureau of animal industry passed on the health of nearly 25,000,000 head of sheep with special reference to the presence of scabies, a parasitic disease that causes a great deal of loss to ranchers if it is allowed to gain headway in flocks. More than 8,800,000 of these sheep were dipped to destroy the parasites. The disease is quite prevalent in a number of the western range states, but the work of livestock health officials is resulting in improvement.

The majority of physicians favor a clean raw milk in preference to pasteurized milk.

## ENGINEERS ON INCREASE

### ENROLMENT OF JUNIORS AND SENIORS DOUBLED IN TWO YEARS

**Extension Service of Division on Campus and throughout State Included in Biennial Report of Dean Seaton—Needs for Future**

The last two years have shown heavy increases in the total of students taking four-year courses in engineering in Kansas State Agricultural college, according to the biennial report of Dean R. A. Seaton. The enrolment of senior and junior students in the division has more than doubled, and the enrolment of sophomores shows an increase of nearly 100 per cent.

As the professional engineering subjects are given mainly in the upper years of the course, this means a heavy increase in the teaching load of the engineering faculty. Besides teaching students enrolled in the division of engineering, this faculty has offered many elective courses to students enrolled primarily in other divisions.

### LOAD ON FACULTY INCREASES

During the biennium each member of the staff has averaged 12,000 student hours per year as compared with 8,180 students hours averaged in each year of the previous biennium. The load is greatly excessive. It cannot be maintained without lowering the quality of the work done, according to Dean Seaton.

The increase in the work of the division was made possible only by the addition to the engineering hall, completed in the autumn of 1921, he declares.

### TESTS SAVE MONEY

In addition to the extensive teaching work of the division the engineering faculty has functioned in the engineering experiment station. The direct value of the station's work to the state is shown by the fact that the road materials testing laboratory alone has saved in the biennium, according to conservative estimates, \$725,000 through lessened transportation costs on road materials, decreased maintenance expense, and prolonged life of roads and bridges.

This laboratory, as the official laboratory of the state highway commission, has tested all materials going into state and federal aid road projects in the state—a total of 10,054 samples, representing 287 miles of surfaced road and bridges that cost \$10,403,810. Bulletin 12 of the station summarizes results of tests.

### REDUCES PRICE OF OIL

The oil and fuel testing laboratory of the station has thoroughly revised the specifications for lubricating oils for use in Kansas state institutions. Purchases under these specifications have greatly reduced the price of oil through competitive bidding. Testing of the samples has prevented much damage to machinery owned by the state.

In like manner the chemical laboratory of the station has prepared specifications for painting materials, of which 143 samples were tested, 14 being rejected because of adulterations.

### OTHER MATTERS INVESTIGATED

Other important work of the station in the biennium has included the following investigations:

Methods of heating water in the home. Bulletin No. 11 which gives the results of this investigation, has attracted wide attention throughout the country.

Efficiency of automatic ventilators. While the tests have not been completed, the results so far obtained have created much interest among heating and ventilating engineers.

Use of corn as fuel.

Temperature stresses in rigid pavement slabs.

Air resistance to the movement of motor vehicles.

Farm sewage disposal systems.

Radio-activity of gas well borings.

Life of dry cells.

Lewis factors for non-standard gear teeth.

Durability of belt lacings and fastenings.

Causes and remedies for storage battery troubles.

Elimination of glare from automobile headlights.

### CAMPUS WORK SUPERVISED

The division of engineering has supervised the improvements and repairs to college buildings and campus, has operated the college heating and power plant and water works, has supervised the care and cleaning of buildings, has attended to hauling freight and express for the various college departments, has prepared plans for alterations, and has attended to many other details in connection with the physical plant of the institution.

In connection with the construction  
(Concluded on page four)

## DAIRYMEN OF TWO STATES IN A CONTEST

**Kansas and Western Missouri Counties Pitted Against One Another for \$1,000 Prize**

A contest is announced for the coming year in which the dairymen of western Missouri are pitted against the dairymen of Kansas to see which can do more for the improvement of their dairy herds through cow testing work in cooperation with their respective state colleges of agriculture.

The Kansas City chamber of commerce has offered \$1,000 in prizes to those counties completing the most yearly records in cow testing associations between January 1, 1923, and August 31, 1924. This money will be divided into four purses with \$500 for a first prize, \$250 for a second prize, \$150 for a third and \$100 for fourth prize. The prize money will go to the farm bureau, or in counties where there is no farm bureau, to the cow testing associations.

This contest will be under the supervision of J. B. Fitch and C. R. Gearhardt of the dairy department of the Kansas State Agricultural college, George Catts of the Kansas City chamber of commerce, and P. H. Ross and E. M. Harmon of the Missouri agricultural extension service. Counties desiring to compete must enrol with their director of agricultural extension before March 1, 1923.

### FIELD TERRACING WORK BEING DONE AT KELLY FARM, WINFIELD

#### First Attempt in State to Prevent Soil Washing

The first field terracing work to prevent erosion in Kansas is being done near Winfield on the Kelley farm. The class in vocational agriculture from the Winfield high school laid out the terraces under the direction of R. L. Plank, supervisor, and Mark Havenhill, extension engineer at the Kansas State Agricultural college.

The terraces are the broad base type, with a 10 to 15 foot top. They are made perpendicular to the slope of the field with just enough side slope to allow the water which accumulates behind them to drain off slowly.

Mr. Havenhill recommends terracing in eastern and central Kansas to prevent soil washing, and in western Kansas to prevent loss of moisture by drainage. Much of this work has already been done in Texas, Tennessee, and Arkansas.

## READY FOR BIG WEEK

### COLLEGE TO MAKE IT BEST FARM-HOME FESTIVAL—JARDINE

**Final Directions to Prospective Visitors Given by L. C. Williams, in Charge of Program and Arrangements—First Meeting Monday**

Manhattan is ready for the annual Farm and Home week of the state agricultural college which will begin next Monday, to continue until the Saturday following.

"The college has planned that at the close of this Farm and Home week everyone will leave here with the feeling that it has been the most successful demonstration ever held at the institution," President W. M. Jardine said. "The entire institution, buildings, equipment, faculty, and even the student body, will be placed in commission for the use and entertainment of the visitors."

"The individual programs have been planned solely with the idea of serving the Farm and Home week visitors. These demonstrations will be practical and instructive. The speakers secured for the general assembly meetings of Farm and Home week were selected only after ascertaining that their messages would be of particular value in solving present day agricultural difficulties."

### MEALS TO BE HAD AT COST

Those who are planning to attend should note the following, according to L. C. Williams, in charge of program and arrangements: Upon arrival at Manhattan, visitors will be conducted by guides to the Y. M. C. A. building at Eleventh and Fremont streets and be assigned to rooms. Rooms will cost 75 cents per night for one person and \$1 for two.

Registration cards and badges will be furnished in the main corridor of Anderson hall, the main building of the college.

Meals may be secured at the barracks for 30 cents, or in the cafeteria at cost.

The recreation center in Anderson hall is open at all times.

There are many points of interest on and about the campus. Guides will be furnished to visitors without cost.

An announcement will be published daily, giving places of all meetings and corrections in the program.

### ALL LECTURES FREE

All lectures and demonstrations will be free. Visitors should select the course or courses which will be of greatest benefit to them.

Tickets for the Farm and Home week banquet, which will be held Thursday evening, February 8, will be on sale at the registration booth in Anderson hall at \$1 each.

An open rate of one and one-half fare for the round trip on all Kansas railroads has been arranged for Farm and Home week visitors.

### POULTRY WILL OCCUPY PLACE ON FARM-HOME WEEK PROGRAM

#### Leading Specialists in Field to Give Addresses

Prof. J. G. Halpin, head of the poultry department of the University of Wisconsin, is the out-of-state speaker on the poultry department program of Farm and Home week. He will speak to the poultrymen on Wednesday and Thursday, February 7 and 8.

N. L. Harris, formerly extension poultryman who is now with the Premium Poultry Products company of Topeka, will speak on marketing problems. The poultry program will start Tuesday morning with an inspection trip of the college poultry farm.



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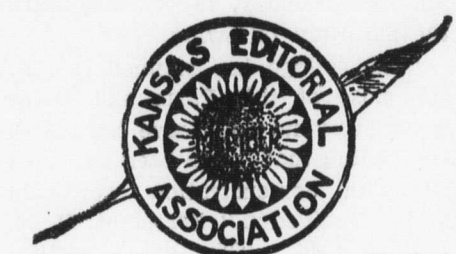
W. M. JARDINE, PRESIDENT... Editor-in-Chief  
N. A. CRAWFORD... Managing Editor  
J. D. WALTERS... Local Editor  
OLEY WEAVER, '11... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. N. A. Crawford is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is 75 cents a year, payable in advance. The paper is sent free, however, to alumni, to officers of the state, and to members of the legislature.

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WEDNESDAY, JANUARY 31, 1923

### FARM HOMES NOW COUNT

Farm and Home week brings to attention a fact that until recent years was largely overlooked: that farming cannot be successful and happy without successful and happy home making.

Not many years ago such gatherings as Farm and Home week were invariably referred to as general farmers' institutes, as farmers' short courses, or by some other term which disregarded altogether the home as an essential feature of the farm. The change of name indicates a changed point of view. The home is now recognized.

There are other indications of this changed point of view. There is a magazine called The Farmer's Wife, and there are other magazines which are intended chiefly for farm women although bearing no specific title to this effect. All the better farm journals now maintain women's departments which are carefully and adequately handled in contrast to the hit-or-miss, spare-time methods of editing such departments in the past. Courses in rural economics and sociology in educational institutions regularly emphasize the home as a significant factor in agriculture.

That this change in point of view has actually affected farm life is evidenced by the large proportion—more than 90 per cent—of farm women who in a magazine essay contest last year replied affirmatively to the question, Do you want your daughter to marry a farmer? Such a proportion of affirmative replies would hardly have been given 50 years ago, when home conditions on the farm were generally unsatisfactory to women.

There is still plenty of room for improvement in home conditions, obviously. With the awakened interest in the problem, such improvement is certain to continue. It will mean much to the permanence and satisfaction of agriculture, not merely as a business but as a life.

### CORN TASSELS

J. H.

The Republican-Gazette of Gove county says it this way: Every day in every way Barnum was right and righter.

A St. Louis woman shot her husband because he wouldn't work. It isn't the tragedy that the Jewell Republican deplores, but the uneasy feeling it will give so many other fellows.

Panhandle Pete says there are three things a person has to have in order to thoroughly enjoy eating a grape fruit—sugar, storm robe, and a vivid imagination.—Glasco Sun.

And the greatest of these is imagination.

A citizen of Eureka, relates the Herald, asked another if his wife did fancy work. "Great Scott!" was the reply. "She won't even let a porous plaster come into the house without crocheting a red border around it and running a yellow ribbon through the holes."

### THE RETORT DISCOURTEOUS

An Edmond henpecked husband was so discouraged that he said to his wife, "It doesn't cut any ice when I die!" "No," replied his wife, "there'll be no ice to cut where you go when you die."—Norton Courier.

The Marshall County News has concluded that it's pretty difficult to convince the sporting crowd that the world makes any progress between football and baseball seasons.

The Marysville Democrat-Forum has decided that many a man has made a monkey of himself without the aid of glands.

We don't believe the Creator ever made a failure, says the Lincoln Republican conscientiously, but if he did it was in trying to make a man who could please all his neighbors.

Some way, says the Pratt Tribune, this charivari business never did appeal to this column. It is a lingering relic of barbarism, a resource of the half witted, and a general abomination. And not the least that can be said against it is the perfectly atrocious way in which the word is spelled.

### A QUARTER CENTURY AGO

Items from The Industrialist, January, 1898

Professor and Mrs. Hitchcock rejoice in the arrival, on January 10, of a son.

Lew Poston, of Fostoria, has returned to his studies after nearly a year's absence.

The seniors have elected Miss Inez Manchester class president and Henry Rogler vice president.

Ex-Superintendent J. S. C. Thompson has gone to California. His family is visiting relatives in Newton.

Prof. and Mrs. Fredric A. Metcalf gave a reading before the Dickinson county high school at Chapman January 8.

O. E. Noble, '97, has matriculated as a post-graduate student, since taking charge of the Riley county surveyor's office.

The Haddam Clipper republishes from THE INDUSTRIALIST, Professor Cottrell's recent article on "Winter Dairy Feeding."

Assistant D. H. Otis has been chosen superintendent of the International butter exhibit to take place in Topeka, February 21 to 26.

J. F. Odle, '94, writes that he has left Ellerslie farm, at Rhinecliff, N. Y., to accept the superintendency of the Altamont farm at Monaca, Pa.

The American Horticulturist calls our selling of the old college herd and the investment of the money in a dairy school "a good exchange."

Miss Daisy Hoffman had the misfortune to slip on an icy step and injure her ankle, causing much pain and some weeks' absence from college.

W. H. Phipps, '95, resigned the principalship of the Garfield school, Abilene, to accept a position as manager of the Belleville creamery station.

At the annual meeting of the State Historical society, Secretary I. D. Graham was made a member of the board of directors for the ensuing three years.

Collins McDowell came in from Cripple Creek January 14 for a few weeks' visit at home. Collins and his brother, Laird, are interested in a mine and are prospering.

The state board of agriculture, at

its annual meeting in January, elected Prof. J. T. Willard, state chemist; Dr. Paul Fischer, veterinarian; and Prof. A. S. Hitchcock, botanist.

Charles R. Hutchings, '94, who was for two years assistant to Professor Hood, now holds the office of county surveyor of Franklin county, and writes of his interest in college affairs.

The methods of interesting his classes which Professor Parsons is introducing, are meeting the approval of all. He is undoubtedly an accomplished instructor.—Students' Herald.

A special class in mechanics has been organized for those seniors who

### WHERE THEY GET THEIR COLORS

Would it surprise you to learn that all those beautiful feathers that give the peacock and the pigeon some real excuse for strutting are in reality of but a single color—brown?

The colors that we see on these feathers aren't real pigment colors at all, scientists tell us. They are of the same nature as the colors we see in a drop of automobile oil that has spattered on an asphalt pavement. The oil itself is practically colorless, but on the pavement we see all the colors of the rainbow. The color depends upon the thickness—or, rather, thinness—of the oil film. The variation in the peacock's colors de-

## Farm Land and Italian Troubles

Carleton Beals in The Freeman

All this agricultural region of the Adriatic delta district, the most prosperous and fertile in all of Italy, has been in an uproar these past two years. Yet walking beneath the colour-drenched bizarre arcades of Bologna I could scarcely grasp the reality of this modern warfare, of careening trucks of Fascisti, of chance scuffles, riots, and stray bullets. The quiet brooding of the centuries overshadows it all, and gives this violence an aspect of flashy insignificance. In the half-crumbled, mossy inner court of the university in the Palazzo Cesari, with its rows of many-coloured shields, beneath the stained arches where groups of long-haired students were gathered, I said to myself: "Here is the fountainhead of greater loyalties, of calmer faiths, and more introspective verities."

But long before the enthusiastic founding of this institution in the middle ages, occurred the agrarian conflicts of republican Rome, of which the modern struggle seems but a noisy echo. Long before the *legge frumentaria* of the Gracchi, and down to the present, land was and has been the real key to Italian prosperity and politics—land, always land. The severing of healthy relations between city and country, as much as any other one cause, hastened the decay of the old empire and partially explains the transitory character of the political Renaissance.

One of the post-war phenomena in Italy which contributed to the disorder and uncertainty, was a concerted boycotting, in Russian fashion, of the cities on the part of the organized peasants. Indeed, the present situation very much resembles that faced by Tiberius Sempronius Gracchus 2050 years ago when he stalked the streets of Rome with his body-guard of 3,000 volunteer-citizens. The same conditions exist today: pressure of population, war, exhaustion of the soil, and absentee ownership (though absenteeism is not the curse that it is in Spain.) The great estates of southern Italy and Sicily are farmed out to farm-usurers in much the same vicious manner that characterized the Roman provincial administration.

have not completed the study and who are unable to take it with the juniors in the engineering course, at the third hour.

A large eastern city called Prof. E. W. Bemis during the holidays to advise with them privately as to the contract to make with their local gas company. The professor spent a week at the place.

The college "sports" some new and useful waste baskets, conveniently located in the halls and study rooms. It is the business of each student to see that these are put to their proper use.—Students' Herald.

The Eureka Union publishes a three column report of the farmers' institute held at that place in December, the sessions of which were attended by Professors Cottrell and Faville of this college.

Walter T. Swingle, '90, has been promoted from a \$1,600 to a \$2,000 position in the department of agriculture at Washington, and assigned to special duty which will take him to Europe during the coming year.

A package of bird seed and some sunflower seed cost little for the insurance against insects through the birds they keep alive during winter.

Now is a good time to overhaul the incubator.

pends upon the thinness of the feather fringes. When one considers that a variation of a hundred-thousandth part of an inch may change the color completely, it seems marvelous that all the tail feathers of all these gorgeous birds are patterned and shaded so nearly alike.

The neck feathers of a white pigeon show practically none of this iridescent coloring; but this is only because the dark background is lacking. If they are dyed brown the iridescence appears in full force.—The Country Gentleman.

A coal famine in Brooklyn, N. Y., this winter was broken through publicity given by the Standard Union to the situation. Its efforts compelled the state and local fuel administrators to act. The success of the plan was another proof of the desirability of complete publicity as a means of remedying evils.

Black and the receding colors, such as dark blue and dark green, used in materials without luster, are becoming to the stout figure. These colors tend to reduce proportions.

Litters of hogs that weighed over 3,000 pounds at seven months of age are said to have been raised in Nebraska.

### SCULPTURED WORSHIP

William Stanley Braithwaite

The zones of warmth around his heart,  
No alien airs had crossed;  
But he awoke one morn to feel  
The magic numbness of autumnal frost.

His thoughts were a loose skein of threads,  
And taught emotions, vague and dim;  
And sacrificing what he loved  
He lost the dearest part of him.

In sculptured worship now he lives,  
His one desire a prisoned ache;  
If he can never melt again  
His very heart will break.

### SUNFLOWERS

H. W. D.

### A LITTLE ESSAY ON MEN AND HOGS

Only 3 per cent of the families in the United States have incomes of \$5,000 or more. But how much better that is than it would be if only 3 per cent of them had incomes of less than \$5,000.

To measure a man's well being or happiness by the number of dollars he makes in a year is just as foolish as to measure his enjoyment of a meal by the number of bites he takes.

Luxuries, the things you can't have yet, have had more to do with the ascent of man than necessities have.

As soon as the luxuries are divided up and passed around, man will pick him out a good mud puddle and waller until death relieves him of the little energy that wallering requires.

We always have believed that God knows enough about the real needs of mankind not to divide things too evenly. We have believed this in spite of some of the best arguments we have ever heard.

Our greatest objection to the hog is his disdain of luxury and his contentment with necessities.

If you put a pig in the parlor he bolts for the garbage pail just outside the kitchen door. If you put a man in a sewer he immediately begins scheming to get the foreman's job and boss the rest of the crew who are still in the ditch.

That is why we prefer men to hogs, and luxuries to necessities.

But after all, it is the other fellow's wealth that they are going to divide up amongst us; so it won't be so bad after all.

### THE QUESTION OF THE HOUR

Is Germany tottering or titting?

The department of justice agents in Kansas might take a few lessons from Frosty Flora of Topeka if they really want to make the state dry.

It begins to look as if Fatty Arbuckle might have to exchange the Christmas present Will Hays gave him for a pair of overalls.

### IN A SOBER MOMENT

Tomato is red,  
Midnight is blue,  
Patootie is sweet  
And beef is stew.

—Harold Barreled Right.

We were never able to distinguish the difference between "pro" and "con" until we discovered the device of linking them with "gress."

### NEVER SAY BALD

Day by day  
In every way  
I tried to make my hair grow;  
I soaked each pore  
With dope galore  
But still I was a scarecrow.

Then night by night  
When mind was right  
With neither doubt nor question,  
I visioned hair  
A-growing there  
In answer to suggestion.

Now hour by hour  
With all my power  
I scoff at dope and Doc Coué,  
'Neath wavy bean  
I stand serene—  
I bought a wig the other day.



## AMONG THE ALUMNI

Elizabeth (Gish) Herr, '16, is now living at 318 West Juniata, Hays.

Harvey Adams, '05, Biggs, Cal., was a K. S. A. C. visitor recently.

Paul Loomis, '16, is now operating a big ranch in Saskatchewan, Canada.

Laura Loomis, f. s., Monrovia Cal., is teaching in the Pasadena public schools.

L. R. Hill, f. s., and Elsie (Blaylock) Hill, '15, Smith Center, visited in Manhattan recently.

Selma Nelson, '12, has become a member of the general Alumni association through the Chicago association.

Captain E. W. Skinner, '16, U. S. Marine Corps, Quantico, Va., and Ruth (Adams) Skinner, '16, visited in Manhattan during January.

G. M. Drumm, '20, has taken a position with the dairy department of the California College of Agriculture, Davis, Cal.

Roy Williams, '22, is coming north. He requests that his INDUSTRIALIST address be changed from Route 5 Stamford, Tex., to Route 4, Miami, Okla.

W. C. Wilson, f. s., 728 Rhode Island street, Lawrence, is a traveling salesman for the Aluminum Cooking Utensil company, manufacturers of "Wear-Ever" aluminum goods.

Robert E. Bock, f. s., and Margaret (Hammerly) Bock, '21, called at the alumni office Monday, January 21. The Bocks are located in Kansas City, Mo., at 511 Maple boulevard.

E. P. Mauk, '22, sends excellent credentials for active membership in the Alumni association from Thomas, Okla., where he is teaching in the high school. His credentials read "Pay to the order of K. S. A. C. alumni association \$5."

P. L. Fetzer, '20, is again stationed in Wilkesburg, Pa., where he is with the sales department of the Westinghouse Electric company. On a recent trip he visited Earl Frost, '20, in New York City, and C. E. Beckett, '20, in Chester, Pa.

George T. Ratliffe, '11, San Antonio, Tex., was a caller at the alumni office on the campus Saturday, January 27. He is engaged in investigational work for the United States department of agriculture.

### New Royal Purple Plan

At the last meeting of the S. S. G. A. executive council the faculty's plan for electing Royal Purple editors was approved. This plan which will be recommended to the present junior class provides for electing the Royal Purple staff in the fall instead of in the spring, as is now the custom. This will give the new staff several weeks of training under the old staff.

It was decided to choose a faculty advisor to assist in the business transactions and in making contracts. The plan is to keep the same advisor from year to year so that he may become entirely familiar with the work.

The accounts of the Royal Purple will be audited by the business office. Both the editor and the business manager will be held personally liable to the amount of \$200 in case of deficiencies. A sinking fund will be established by setting aside the profits of each year's Royal Purple.

### Losh, '10, Covers Much Territory

"Texas is not all of my territory," writes A. R. "Dick" Losh, '10, who is with the bureau of public roads of the United States Department of Agriculture. "In addition to Texas, my work in District 9 takes me over all of Oklahoma, Arkansas, and Louisiana.

"In traveling around over my district I often meet with K. S. A. C.

people. At Plainview, Tex., last year there were five Aggies in attendance at a convention. I met Frances Brown, '09, in Oklahoma City a few days ago, and saw Homer Sloan, '11, in Houston about two months ago. I hope to meet 'Zippie' Martin, '11, and have already had a chance to meet with 'Bob' Karper, '14, and 'Doc' Tanquary."

### A '05 Wins \$1,000

F. E. Balmer, '05, sends the St. Paul Pioneer Press of Sunday, December 24, 1922, which recounts the story of his new house at 1127 Chelmsford avenue, St. Paul. The Pioneer Press prize of \$1,000 offered to the owner of the best-designed house costing from \$7,500 to \$10,000 built during 1922 in St. Paul was awarded to Mr. and Mrs. Balmer.

"The credit for planning our new home should go largely to Mrs. Balmer," he writes. "She is a Kansan, formerly Mabel Eastman, sister of Robert Eastman, one time associated with the department of horticulture at K. S. A. C."

### The Archives Are Enriched

W. C. Howard, '77, Los Angeles, Cal., has contributed a rare photograph to the archives of the Alumni association. It is a chromo of his class. The members of the class who appear in all the glory of their graduation costumes in the picture are Lautamette, W. C. Howard, William Ulrich, J. S. Griffing, George Failyer, L. Humphrey, Hoyt, Miss Ella Childs, and M. F. Leisure.

### Edwards Countians Organize

E. B. Johnson, '22, was chosen president of the Edwards county K. S. A. C. association at a meeting of alumni and former students held in Kinsley January 25. H. L. Cudney, '09, was named chairman of the memorial stadium campaign.

### Williams Heads Barton Campaign

Robert "Bob" Williams, '09, is to head the memorial stadium campaign in Barton county. He was chosen and accepted at a meeting of Barton county Aggies in Great Bend January 26.

### Kansas Aggies in Iowa

W. P. Shuler, '10, who recently moved to Ames, Iowa, where he is employed by Iowa State college, has been making the acquaintance of K. S. A. C. people in that section. He writes that, in addition to the resident Aggies, he has seen G. E. Whipple, '11, who attended a veterinary conference at Ames. Whipple is located in Omaha, Nebr., care United States Serum company. Joe Montgomery, '07, is scheduled to speak on the Ames Farm and Home week program, Shuler writes.

### Watson, '21, Wins and Loses

Ray Watson, '21, started the 1923 track season by winning the 1,000 yard race at the Illinois Athletic club handicap meet in the Broadway Armory, Chicago, Friday, January 27. Watson lost to Jolie Ray, the A. A. U. middle distance champion, in a special match mile race, by a 10-yard margin. The Chicago Alumni association reserved 100 seats in a choice section of the hall and attended the meeting in a gang.

## BIRTHS

K. D. Thompson, '20, and Mrs. Thompson, Mankato, announce the birth January 24 of a son whom they have named David Kyle.

C. V. Elling, '04, and Mary (Mudge) Elling, '05, announce the birth January 14 of a son whom they have named Homer.

James W. Linn, '15, and Mary (Nixon) Linn, '14, announce the birth January 27 of a son whom they have named Robert Dean.

## AGGIES IN COLORADO HOLD ANNUAL DINNER

Reunion at Denver Attended by 46 Persons—Old Timers There—Talk Stadium

"Kansas Aggies transplanted to the Centennial state have lost none of their enthusiasm and love for their alma mater if the spirit shown and interest taken in the banquet meeting of the Colorado K. S. A. C. association can be taken as an indication," writes G. C. Wheeler, '95. "The annual reunion has always been held during the National Western show in Denver. This year January 16 was the date. Mr. Wheeler says:

"When several extra tables had been added in order to make room for all who came and we were seated for the banquet we counted 46. At one end of the board sat our president, E. H. Snyder, '88, by his side Dora (Van Zile) Snyder, f. s., his wife, who was addressed familiarly by D. W. Working, '88, and D. E. Bundy, '89, the father of V. E. (Red) Bundy, '20, as 'Dora.' Down at the other end of the table sat the junior stock judging team which had taken part in the contest at the stock show.

"There was not a dull moment for anyone for at the psychological time Mr. Snyder, in the capacity of toastmaster, always had someone talking, or a song or other expression of enthusiasm going. In order to get the meeting started just right, one of the stock judging team, (Red) Atkins the boys called him, led the group in 'Jay Rah.' He put real pep into the cheer. Even the old timers who were graduated long before such things as college yells were known at K. S. A. C. were seen to work their mouths in rhythm with the yelling. D. C. Bascomb, county agent of Larimer county acted as song leader while we sang 'Alma Mater.' Our vocal enthusiasm was so attention compelling that they were forced to close the doors between our dining room and the adjacent one where the Colorado national guard officers were holding a banquet.

"There was nothing formal about the program. At appropriate times Working, Bundy, and others spoke briefly. Prof. F. W. Bell who has so successfully coached stock judging teams introduced the members of the team and each was given an enthusiastic cheer. Prof. J. B. Fitch, head of the dairy department, showed his loyalty and devotion to our alma mater, although he hails from another institution. The address of the evening was given by Dr. C. W. McCampbell, '06, head of the animal husbandry department. Among other interesting things about the institution, he told of the stadium campaign and gave many a new vision of what that magnificent structure will mean to all of us.

"A most enthusiastic Aggie, Walter H. Olin, '89, who has been a moving force at every previous meeting of the Kansas bunch in Colorado, was unavoidably prevented from attending by sickness in his family. He was greatly missed. David G. Robertson, '86, president of the Chicago K. S. A. C. association, recognized our gathering by sending a 'Toast to our Alma Mater' in verse.

"After formal adjournment those present gathered in groups, and remained until a late hour, although many present had to travel from 20 to 65 miles to reach their homes. It was a real reunion. All present spoke of the next meeting and pledged attendance.

"Those present were E. H. Snyder, '88; Cryus J. Creighton, f. s.; Mrs. Creighton, f. s.; T. G. Story, '21, and Mrs. Story; Lucy (Needham) Fisher, '08, and A. J. Fisher; Mabel (Dalton) Peterson, f. s.; Maude (Dalton) Tegtmann, f. s.; Iva Porter, '16; R. W. Schafer, '14; Ethel M. Schafer, '16; Vera (Peake) Noble, '17; Walter J. Ott, '16; Helen Haines, '13; Harvey A. Burt, '05; Mary (Strite) Burt, '05; C. W. McCampbell, '06, '10; Wm. F. Droge, '10; Ruth Phil-

lipps, '19; Caroline Coffman, f. s.; R. D. Parrish, '14; Esther (St. John) Croyle, '16; Chas. F. Croyle, f. s.; D. E. Bundy, '98; Dora (Van Zile) Snyder, f. s.; D. W. Working, '88; G. C. Wheeler, '95; Kitty (Smith) Wheeler, '95; Rowena (Whalley) Taylor, f. s.; D. C. Bascomb, '10; G. C. Miller, f. s.; Prof. F. W. Bell, Prof. J. B. Fitch; Hattie Droll, '19; Evelyn (Potter) Freytag, '15; Donald S. Jordan, f. s.; Juanita (Reynolds) Jordan, '16; Mildred L. Inskeep, '12; Aden Magee, H. F. Moxley, G. R. Warthen, A. P. Atkins, Max O. Roberts, and J. L. Farrand, students.

### J. A. Kimball: A True Friend

The friendship of James A. Kimball, former state business manager who died suddenly January 27, for the Kansas State Agricultural college as well as for all state educational institutions is strikingly demonstrated by the fact that on Friday, January 26, the day he left for his home in Salina, he dictated a letter to the executive secretary of the K. S. A. C. Alumni association offering his assistance in the memorial stadium campaign and wishing the college every possible success. The act was characteristic of Mr. Kimball, a true friend of higher education in Kansas.

### Thrills for the Getty Family

R. W. Getty, '12, seems destined to experience thrills. The following dispatch from his home town, Downs, in the Topeka Daily Capital of January 28 explains his latest:

"Celia Marie Getty, daughter of Mr. and Mrs. R. W. Getty, was given a somewhat uncertain reception when old daddy stork first put in a claim for her existence Wednesday morning. There is no question about its having been a warm reception. A fire in the roof, the fire brigade, and the baby arrived simultaneously.

"Since the excitement is now over and everything is as it should be, Mr. Getty is of the opinion that the thrills of his life did not end with the closing of 'the Argonne offensive.'

### D. C. to Louis B. Bender, '04

A distinguished service medal was awarded to Major Louis B. Bender, '04, December 15 and presented December 21, 1922, according to information received here.

The citation covering the award reads as follows:

"Major Louis B. Bender, then lieutenant colonel, signal corps, United States army. 'For exceptionally meritorious and distinguished services. He served in the office of chief signal officer, American expeditionary forces, as assistant director of supplies from July, 1918, until December, 1918, and director of supplies from December, 1918, until September, 1919. By his sound judgment, unflinching energy and unusual ability he rendered services of the greatest value in both capacities. He met the many military commercial problems which confronted him with a broad vision and solved them with unvarying judgment and skill, thereby contributing materially to the success of the American expeditionary forces in positions of great responsibility.'"

### Hare, '20, in Santo Domingo

Frank Hare, '20, enrolled as an active member of the alumni association during a recent visit to the campus. Hare is in charge of the animal breeding experiments of the government station at Haiua, Santo Domingo, Dominican Republic. He obtained two bulls from the college herd for use in building up his station herd.

The wheel table, which is a substantial edition of the tea wagon, will save the housewife many steps between the kitchen and dining room.

The lack of some essential for a crop in the soil will result in a decreased yield, rather than a normal yield of abnormal composition.

## LOOKING AROUND

OLEY WEAVER, '11

It is regrettable that there has been so little contact between the college and its alumni during the past. It borders almost upon estrangement. To this condition may be traced virtually all the ills of college and alumni. Without this contact, both have grown, yet neither has made the progress that could have been made by close cooperation.

A few instances as illustration: There is the graduate in scientific knowledge who contents himself with the fund of information possessed at graduation, or seeks now to advance without continued aid from the college. This fellow is numerous. Occasionally one returns to the college and is amazed at the development in his own line. He fell out of step.

There is the graduate who settles into a job and out of contact with his school. Opportunity comes to the college to name a person for an important place the old grad might fill. The old grad is overlooked.

Try the reverse English: An architect left the college and, resolute in the belief that he was capable of designing anything from a henhouse to a skyscraper, got a real job. He was called to make good on a large piece of difficult design. Did he quit? He telegraphed to the college and supplementary information aided him to complete the work successfully.

Are more practical instances needed? This idea that keeping in contact with the college is beneficial is not all theory. It works.

The college will benefit as the unhealthy condition is ameliorated. The increasing number of graduates and the growing prominence of the old students will bring a realization of how extensive is the influence of K. S. A. C. In other words, the college will have sold itself to its own former students and to the public.

The college seeks now the loyal graduate—the one who is sold on the institution. Then, all will be loyal. Instead of having to depend on a few to further the interests of the college, unified alumni action then will be possible, and customary. Entrance requirements to the college will have to be raised to hold back the horde of would-be freshmen.

Fanciful? Not at all. If what has been lacking—a direct contact between the college and all its former students—could be developed, the demonstration of belief in K. S. A. C. would attain astounding proportions.

The college needs its former students, and wants them to feel as much a part of the school today as they were when professors and assignments made up the total of life's worries. And the former student needs the college.

### December Marriages

News of two December marriages is contained in a letter from Ruth (Taylor) Foard, Santa Fe, N. M. The first is hers, which occurred December 31, 1922. Her husband, R. W. Foard, is a graduate of the Colorado Agricultural college, and is state supervisor of agricultural education for New Mexico. Mrs. Foard is state supervisor of home economics education for New Mexico, "being," she writes, "one of these modern women who believe they can have a job and be married too."

The second December marriage is that of Alice Virginia Dawson, '18, who became Mrs. T. H. Allan December 18, 1922. Mr. and Mrs. Allan are living at 229 West First avenue, Denver, Col.



## "WAR ALWAYS WRONG"

**LEADERS WHO MAKE IT "HOLY" BLAMED BY BISHOP JONES**

**People Go in with High Ideals but Men Who Have Sought to Find Worst in Enemy Make Peace, Clergyman Tells K. S. A. C. Group**

That war is wrong and futile under all circumstances and that the masses of people are betrayed in any war, is the conviction of Bishop Paul Jones, formerly bishop of the Episcopal diocese of Utah, and now secretary of the Fellowship of Reconciliation. Bishop Jones spoke before a selected group of 50 interested persons in the home economics rest room Thursday night. Bishop Jones spoke under the auspices of the college Y. M. C. A.

According to Bishop Jones, there is no war in which there is not some wrong on both sides—and war does not usually make things better. During war time those in positions of importance in conducting the affairs of the nations must needs emphasize only the evil in the enemy and forget the good—hence it is that the evils of the enemy are usually exaggerated, he said.

### MAKE WAR "HOLY"

To illustrate this point the bishop called attention to the statements of Sir Philip Gibbs, the noted English war correspondent who saw the war from the beginning to the end. In his book, "Now It Can Be Told," published after the war, Gibbs declares he was able to find no evidence of the terrible atrocities attributed to the Germans in Belgium during the war.

The people themselves go into war with high ideals and with the best interests at heart, because those promoting the war know that it is necessary to make war "holy" or the people will not support it. Then later, when it comes time to make peace, it is the leaders of the war who make peace—the very men who have been trying to find the worst that is in the enemy. This very important factor, according to Bishop Jones, is responsible for the failure of the treaty of Versailles.

"Even though the allied nations and the United States went into the war supposedly to do away with autocracy and militarism," declared the speaker, "it seems that this same spirit of militarism and autocracy is being transferred to the nations who went to war to destroy it."

### SYSTEM IS BARBARIC

"All Europe is in arms at the present time. Economic and political rivalry rule international relations. And at the bottom of it all is the economic and political system of the present day which is barbaric in its methods."

Preparedness only leads to the desire for war and hence, Bishop Jones said, the people should refuse to make preparations for war and refuse to go to war. Under no circumstances does he believe war justifiable. The brotherhood of man as taught by Jesus Christ, he says, is the only lasting principle. War will cease when the peoples of the world adopt the teachings of Jesus for their guide, he declared. The standards are constantly changing. Slavery which used to be recognized as moral has at last been put under the ban by man. So in time will war.

## ENGINEERS ON INCREASE

(Concluded from page one)

tion of new buildings, plans to a commercial value of \$21,500 have been prepared by members of this division, without charge.

The introduction of oil as fuel in the power plant has produced a saving of approximately \$40,000 a year.

### CARRIES WORK TO CITIZENS

In addition to teaching, research, and special college service, the division of engineering carried its work to many citizens of Kansas engaged in a wide variety of occupations. Among the activities of this charac-

ter in which it engaged, are the following:

Held power farming schools in various cities of the state.

Conducted road schools for county and highway engineers in conjunction with the state highway commission.

Acted in a consulting capacity in connection with preparation of plans and specifications, estimates and reports for new buildings, structures and engineering materials and equipment for the state board of administration, the state business manager, the state architect, the state highway engineer, and other state officials and state institutions.

Furnished technical advice and information on many buildings and other engineering problems for counties, towns, school boards, corporations and private citizens. Did numerous emergency repair jobs in our shops, and sold shop products to many citizens of Kansas.

Made addresses at various meetings of engineers and of other citizens of Kansas interested in engineering problems.

### URGENT NEEDS OF DIVISION

"One of the important needs of the division is for additional teachers," Dean Seaton stated. "As has been pointed out, the present overload on instructors in the division will, unless relieved, result in deterioration in the teaching."

"The excellent work being done by the engineering and experiment station would be greatly improved by a small appropriation. It is now seriously handicapped by the lack of funds. Appropriations for engineering research in the land grant colleges of five middle western states range from \$7,500 to \$93,110 a year. At least \$15,000 per year should be appropriated at this institution."

### NEW BUILDING NEEDED

"A suitable building for housing laboratories, offices, etc., of the agricultural engineering department is urgently needed. These laboratories are now housed in the old armory and in the temporary wooden barracks erected for the Students' Army Training corps."

"Because of the new buildings to be cared for and heated, it will be necessary to increase the appropriations for salaries and maintenance in the custodian's department and the heat and power department, and to expend a larger sum for fuel oil. The price of oil is now unusually low and cannot be expected to remain so permanently."

### HEATING PLANT ESSENTIAL

"Among the most urgent needs of the college is a new heating and power plant, to cost approximately \$400,000, including necessary additional work. The present plant is old, seriously overloaded, uneconomical, and dangerous to life and property. It cannot possibly heat the buildings now under construction on the campus. Of the \$400,000 requested, \$50,000 should be made available April 1, 1923, for temporary installations necessary for carrying the increased load until the new plant is put into operation."

"At least \$75,000 per year should be appropriated for the upkeep of the college buildings, many of which are now seriously in need of repair. Also, \$25,000 should be allowed for improvements in the waterworks system, which is now entirely inadequate for the needs of the institution and must be replenished with water purchased from the city."

There has been a marked and fairly steady decline in the national output of lumber from about 46,000,000,000 board feet in 1906 to less than 34,000,000,000 board feet in 1920. The decline in production of lumber and the increase in population have resulted in a striking drop in the per capita consumption of lumber—from more than 500 board feet per person in 1906 to about 320 board feet in 1920.—Department of Agriculture.

The best temperature for water to be used in scalding hogs is 155 to 165 degrees F.

## VET. SCHOOL FEB. 6-9

**ANNUAL CONFERENCE TO BE HELD FARM-HOME WEEK**

**To Be Symposium on Swine Practice—Government Examination for Accrediting in Tuberculosis-free Area Will Be Given**

The second annual conference of Kansas graduate veterinarians will be held at the Kansas State Agricultural college, February 6 to 9, as a part of the Farm and Home week program. The program of the conference is a symposium on swine practice, conducted by the division of veterinary medicine.

### PREVENTIVE METHODS, TOO

Discussions will be led by such men as Dr. J. W. Connaway, chairman of the department of veterinary science, University of Missouri; Dr. Henry M. Graefe, United States bureau of animal industry; inspector for Kansas; and Dr. R. R. Dykstra, dean of the division of veterinary medicine, Kansas State Agricultural college. Practically all of the resident veterinary medicine staff will take part in the program. The program will include not only treatment of swine diseases but the proper methods of feeding and management to prevent disease.

At the close of the conference a government examination will be given to graduate veterinarians for the purpose of accrediting them for tuberculin testing in the federal tuberculosis-free area work, which is now assuming large proportions in Kansas.

### TO HAVE RIDING SCHOOL

The veterinary officers at Fort Riley will give a riding school demonstration on Friday, February 9, the day following the close of the program at the college.

Last year more than 300 veterinarians attended the first annual conference.

## POINTS OUT COMMUNITY BENEFITS FROM DEBATE

**H. E. Rosson Says Value of Discussion Extends Beyond Individuals Participating**

The value of high school and college debate to the community and to the individual was discussed by H. E. Rosson, associate professor of English in the college, in an address for the Kansas City Star's radio program.

"The contest itself usually results in a clash of arguments which bring forth much information to an interested audience," Professor Rosson declared. "Participation in one of these contests usually arouses the interest of the student to such an extent that throughout the remainder of his high school course he looks forward eagerly to further contests."

"Powers to which he has heretofore given little attention have been called into play. He develops a feeling of responsibility as a representative of his fellow students. He realizes that to emerge victorious from these contests he must prepare himself thoroughly with information concerning the question chosen. He must learn to view propositions with open mindedness. He must develop ability to frame his thoughts clearly and to express them in a forceful and convincing manner."

"His mentality is quickened and he becomes imbued with a spirit of confidence and determination in the face of opposition. The beneficial effect of the development of such qualities is clearly reflected in his quickened interest in his other subjects in which his powers of analysis, concentration, and expression are exercised. Indirectly he has been given training in citizenship which should prove of dynamic force for the welfare of the nation."

"Many states have realized the value of encouraging this work and we find today many state debating leagues in active operation. Usually a question of national interest is

chosen for discussion and by a process of elimination through contests in the various districts of the state, a final contest is held to determine the state champion. These contests afford a means of stressing with these students a study of national problems and the value of clear logical reasoning and forceful expression."

"The value of the training to be derived should be stressed and greater encouragement should be exerted to bring more students into participation in this work. Parents can exert a most commendable influence upon their children by interesting the students in the work and by attendance at the contests. Usually the high school student has reached an age when certain activities of questionable value seem desirable to him and a most beneficial influence may be exercised in the home through a discussion with his parents, and his efforts may be directed along the lines which result in his development to the full extent of his powers."

"Teachers in schools where the work is carried on or in which it may be instituted for the first time, should be impressed with a strong sense of responsibility in making the work of interest to the students."

"Community and national welfare organizations may render service by a recognition of the contests. The entire community may most profitably interest itself in this activity by attendance at all local debates. It is only through the development of the interest of the entire community in the questions to be discussed that we may secure the greatest benefit from the work."

## SHORT COURSE FOR CREAM STATION OPERATORS GIVEN

**Will Be Part of Farm and Home Week Program**

A short course for cream station operators will be conducted at the agricultural college, Feb. 6, 8, and 9. The course will be suspended on Feb. 7, for the meeting of the Kansas State Dairy association.

The cream station operators' course is designed to give instruction in cream and milk testing and grading to prospective operators. It is prerequisite to the examination given to operators. The course is in charge of H. M. Jones, state dairy commissioner.

Increased demands for campaigns against pocket gophers have led to the undertaking of work on a large scale in Arizona, Idaho, Kansas, Nebraska, New Mexico, Oregon, Texas, and Washington, under the supervision of the biological survey, United States department of agriculture. Considerable demonstration work has also been done in Florida, Missouri, North Dakota, Oklahoma, and South Dakota. A determined effort is being made in the alfalfa producing sections to destroy these pests, which cause damage commonly amounting to \$2 or more an acre, and often destroy the entire stand.

In some parts of the southwest cactus is fed to cattle after the spines have been removed by burning. Feeding this succulent feed to dairy cows, says the United States department of agriculture, causes a decrease in the butterfat percentage in the milk. So far it has been determined that it is not the lime nor the water that causes the reduction. Other tests will be made to find out if possible the constituent that causes the reduction. Magnesium is the next element in the cactus that will be investigated.

Eighty per cent of the 700 boys' and girls' club champions who were guests at the International Livestock exposition in December, were sons and daughters of farm bureau members.

More than 2,100 of the 2,850 agricultural counties in the United States employ at least one agricultural extension worker.

## FORT HAYS CONDUCTS FEEDING EXPERIMENTS

**Branch Station Is Working Out Tests on Beef and Dairy Cattle—Round-up to Be in April**

The feeding experiments for the 1922-23 season at the Fort Hays experiment station are now under way. Seven lots of beef cattle are being fed maintenance rations of various kinds. One lot of dairy cattle is being fed milk production rations, the feeding value of sudan grass and alfalfa hay being compared.

The steer feeding experiment for the purpose of comparing the relative feeding value of dry roughage and silage as the basis of a winter ration for growing steers is now in its final stage. Publications reporting the yearling and 2 year old phases of the experiment have been made available. Following this year's winter feeding period the steers will again be put on buffalo grass pasture, thus completing the third and last cycle of the experiment. The silage steers were started on a ration of 35 pounds of kafir silage and one pound of cotton cake per day. The steers on dry roughage receive 25 pounds of kafir fodder and one pound of cotton cake per day. When the steers went out to pasture the first of May those fed silage weighed less than those fed dry feed. When weighed into the fed lots in November the silage steers averaged 75 pounds heavier per steer than did the dry feed steers.

Fifty yearling heifers, divided into lots of 10 heifers each, have been placed on maintenance rations to determine the relative feeding values of cane hay, sudan hay, and alfalfa hay as winter rations for breeding heifers. Three lots receive respectively 15 pounds of cane hay, 15 pounds sudan hay, 15 pounds alfalfa hay per head per day. One lot receives 12 pounds sudan hay and four pounds of alfalfa hay per head per day, and one lot receives 12 pounds of cane hay and four pounds of alfalfa hay per head per day. These heifers will be added to the commercial breeding herd of the experiment station, at the close of the experiment.

In the dairy feeding experiment, six cows have been placed on rations to determine the relative feeding value of sudan and alfalfa hay for milk production. The cows are fed 30 pounds of silage and 10 pounds of hay per day, in addition to one pound of grain mixture for every three and one half pounds of milk produced per day. Results thus far in this experiment show a great advantage in favor of alfalfa hay. On the other hand sudan hay has proven a better hay feed for the dairy cow than did cane hay in last year's experiment.

The results of the feeding experiments will be reported in full at the eleventh annual Round-up to be held at the Fort Hays experiment station the latter part of April.

It has long been a rule on well managed dairy farms to milk and feed the cows at the same hours every day. Regularity was always thought to have a beneficial effect on production. Experiments carried on by the United States department of agriculture on the government farm at Beltsville, Md., have shown that cows of average production milked at the same hours every day produced but slightly more milk and slightly less butterfat than those milked at random, provided the feeding was done at regular times. When the feeding as well as the milking was done at random hours the cows produced about 5 per cent less of both milk and fat.

A man who in the struggle of life has no home to retire to, in fact or in memory, is without life's best rewards and life's defenses.—J. G. Holland.

Since vitamins are usually injured by cooking or drying, some fresh fruit or vegetables should be eaten every day.